Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA1
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 1, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

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30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 1, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	SET4SA1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000100	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000150	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000075	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000100	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000150	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000200	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000200	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000200	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000200	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000200	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000200	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000200	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000200	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000200	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000200	0.004000

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 1, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

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Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

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5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 1, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2491.00	27.14	147.00	5.50			
5	All Ages	Current MRTP	99.00	1.08					
5	All Ages	Current Dual	85.00	0.93					
5	All Ages	Former	2601.00	28.34			15.48	147.00	5.65

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	13.00	1.42					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	34.00	3.72			2.85	10.00	29.41
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.30			
5	25-29	Current MRTP	20.00	2.09					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	116.00	12.11			4.91	21.00	18.10
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	360.00	33.52	9.00	2.40			
5	30-34	Current MRTP	7.00	0.65					
5	30-34	Current Dual	8.00	0.74					
5	30-34	Former	205.00	19.09			6.34	24.00	11.71
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	340.00	31.39	14.00	3.98			
5	35-39	Current MRTP	7.00	0.65					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	253.00	23.36			7.79	18.00	7.11
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	288.00	29.60	13.00	4.38			
5	40-44	Current MRTP	4.00	0.41					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	238.00	27.71	11.00	4.35			
5	45-49	Current MRTP	6.00	0.70					
5	45-49	Current Dual	9.00	1.05					
5	45-49	Former	298.00	34.69			13.82	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	141.00	26.91	13.00	8.78			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	221.00	42.18			16.82	14.00	6.33
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.70			
5	60-64	Current MRTP	8.00	1.55					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	248.00	48.16			18.81	7.00	2.82
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.38			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.02	9.00	3.50
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	71.00	15.85	23.00	26.14			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	8.00	1.79					
5	70-74	Former	254.00	56.70			22.43	9.00	3.54

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	71.00	19.78	15.00	18.52			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	6.00	1.67					
5	75-79	Former	210.00	58.50			24.23	7.00	3.33

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2322.00	24.77	245.00	9.07			
10	All Ages	Current MRTP	217.00	2.31					
10	All Ages	Current Dual	163.00	1.74					
10	All Ages	Former	2600.00	27.73			17.21	164.00	6.31

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	171.00	19.08	0.00	0.00			
10	20-24	Current MRTP	35.00	3.91					
10	20-24	Current Dual	42.00	4.69					
10	20-24	Former	21.00	2.34			2.10	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	243.00	26.56	6.00	1.99			
10	25-29	Current MRTP	26.00	2.84					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	60.00	6.56			4.97	15.00	25.00

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	251.00	26.20	9.00	2.92			
10	30-34	Current MRTP	36.00	3.76					
10	30-34	Current Dual	21.00	2.19					
10	30-34	Former	151.00	15.76			7.72	17.00	11.26

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	329.00	30.63	20.00	5.62			
10	35-39	Current MRTP	18.00	1.68					
10	35-39	Current Dual	9.00	0.84					
10	35-39	Former	230.00	21.42			9.89	17.00	7.39

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	292.00	26.96	27.00	8.52			
10	40-44	Current MRTP	19.00	1.75					
10	40-44	Current Dual	6.00	0.55					
10	40-44	Former	288.00	26.59			10.92	21.00	7.29

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	265.00	27.24	23.00	8.13			
10	45-49	Current MRTP	11.00	1.13					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	284.00	29.19			15.88	13.00	4.58

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	216.00	25.15	29.00	11.84			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	306.00	35.62			17.36	6.00	1.96
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	167.00	26.51	28.00	14.81			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	7.00	1.11					
10	55-59	Former	249.00	39.52			20.22	9.00	3.61
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	125.00	23.85	18.00	13.33			
10	60-64	Current MRTP	3.00	0.57					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	234.00	44.66			19.69	11.00	4.70
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	100.00	19.42	24.00	20.34			
10	65-69	Current MRTP	13.00	2.52					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	256.00	49.71			21.59	15.00	5.86
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	104.00	20.80	30.00	25.21			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.24	17.00	6.51
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	59.00	13.17	31.00	37.80			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	260.00	58.04			25.01	14.00	5.38
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2060.00	23.08	308.00	12.16			
15	All Ages	Current MRTP	281.00	3.15					
15	All Ages	Current Dual	191.00	2.14					
15	All Ages	Former	2527.00	28.31			18.71	144.00	5.70
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	179.00	19.98	2.00	0.70			
15	25-29	Current MRTP	55.00	6.14					
15	25-29	Current Dual	51.00	5.69					
15	25-29	Former	46.00	5.13			4.24	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	225.00	24.59	13.00	4.26			
15	30-34	Current MRTP	40.00	4.37					
15	30-34	Current Dual	40.00	4.37					
15	30-34	Former	85.00	9.29			6.94	15.00	17.65
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	231.00	24.11	20.00	6.80			
15	35-39	Current MRTP	38.00	3.97					
15	35-39	Current Dual	25.00	2.61					
15	35-39	Former	174.00	18.16			10.58	16.00	9.20
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	291.00	27.09	27.00	8.31			
15	40-44	Current MRTP	23.00	2.14					
15	40-44	Current Dual	11.00	1.02					
15	40-44	Former	261.00	24.30			12.71	16.00	6.13
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	266.00	24.56	39.00	13.04			
15	45-49	Current MRTP	23.00	2.12					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	306.00	28.25			14.56	13.00	4.25
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	225.00	23.12	27.00	10.98			
15	50-54	Current MRTP	15.00	1.54					
15	50-54	Current Dual	6.00	0.62					
15	50-54	Former	321.00	32.99			18.09	17.00	5.30
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	190.00	22.12	38.00	16.81			
15	55-59	Current MRTP	20.00	2.33					
15	55-59	Current Dual	16.00	1.86					
15	55-59	Former	325.00	37.83			20.25	21.00	6.46
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	154.00	24.44	34.00	18.89			
15	60-64	Current MRTP	20.00	3.17					
15	60-64	Current Dual	6.00	0.95					
15	60-64	Former	258.00	40.95			22.71	13.00	5.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	117.00	22.33	30.00	22.56			
15	65-69	Current MRTP	9.00	1.72					
15	65-69	Current Dual	7.00	1.34					
15	65-69	Former	236.00	45.04			22.81	6.00	2.54
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	89.00	17.28	37.00	30.33			
15	70-74	Current MRTP	21.00	4.08					
15	70-74	Current Dual	12.00	2.33					
15	70-74	Former	252.00	48.93			25.13	7.00	2.78
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	93.00	18.60	41.00	35.04			
15	75-79	Current MRTP	17.00	3.40					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	263.00	52.60			26.30	10.00	3.80
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1732.00	20.55	357.00	15.84			

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	307.00	3.64					
20	All Ages	Current Dual	215.00	2.55					
20	All Ages	Former	2453.00	29.11			19.71	150.00	6.11

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	169.00	18.86	5.00	1.85			
20	30-34	Current MRTP	51.00	5.69					
20	30-34	Current Dual	50.00	5.58					
20	30-34	Former	79.00	8.82			6.08	17.00	21.52

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	197.00	21.53	15.00	5.32			
20	35-39	Current MRTP	44.00	4.81					
20	35-39	Current Dual	41.00	4.48					
20	35-39	Former	118.00	12.90			8.51	17.00	14.41

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	209.00	21.82	26.00	9.42			
20	40-44	Current MRTP	39.00	4.07					
20	40-44	Current Dual	28.00	2.92					
20	40-44	Former	192.00	20.04			13.58	10.00	5.21

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	266.00	24.77	34.00	11.22			
20	45-49	Current MRTP	24.00	2.23					
20	45-49	Current Dual	13.00	1.21					
20	45-49	Former	283.00	26.35			15.68	18.00	6.36

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	230.00	21.24	51.00	18.55			
20	50-54	Current MRTP	34.00	3.14					
20	50-54	Current Dual	11.00	1.02					
20	50-54	Former	330.00	30.47			17.36	13.00	3.94

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	196.00	20.14	37.00	16.37			
20	55-59	Current MRTP	19.00	1.95					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	341.00	35.05			20.81	15.00	4.40

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	168.00	19.56	49.00	22.90			
20	60-64	Current MRTP	23.00	2.68					

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	23.00	2.68					
20	60-64	Former	337.00	39.23			22.54	16.00	4.75

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	126.00	20.00	43.00	26.06			
20	65-69	Current MRTP	29.00	4.60					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	273.00	43.33			24.22	16.00	5.86

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	100.00	19.08	44.00	34.38			
20	70-74	Current MRTP	19.00	3.63					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	241.00	45.99			25.27	14.00	5.81

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	71.00	13.79	53.00	46.09			
20	75-79	Current MRTP	25.00	4.85					
20	75-79	Current Dual	19.00	3.69					
20	75-79	Former	259.00	50.29			25.90	14.00	5.41

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Main Results for E-Component Summarized over Simulations for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124099.853	32.730	0.010	0.026	4845.61	1920.39	1919.88	0.506
1992	308577	122143.718	122013.161	130.557	0.042	0.107	4692.62	1857.47	1855.49	1.985
1993	311713	123269.216	122957.974	311.243	0.100	0.252	4656.77	1841.55	1836.90	4.650
1994	305700	120480.723	120020.457	460.266	0.151	0.382	4482.57	1766.64	1759.89	6.749
1995	303225	118666.569	117991.795	674.774	0.223	0.569	4361.58	1706.89	1697.19	9.706
1996	299559	116607.195	115737.349	869.846	0.290	0.746	4242.85	1651.58	1639.26	12.320
1997	294226	114665.051	113664.166	1000.885	0.340	0.873	4100.64	1598.09	1584.14	13.949
1998	289258	113038.380	111812.492	1225.888	0.424	1.084	3966.28	1549.97	1533.16	16.809
1999	311002	117067.463	115447.256	1620.206	0.521	1.384	4198.14	1580.27	1558.40	21.871
2000	303786	114977.407	113218.705	1758.703	0.579	1.530	4041.13	1529.49	1506.10	23.395
2001	296294	113047.319	111131.396	1915.923	0.647	1.695	3890.54	1484.39	1459.23	25.157
2002	291898	111744.742	109685.297	2059.445	0.706	1.843	3789.34	1450.64	1423.90	26.735
2003	285865	110551.854	108303.765	2248.089	0.786	2.034	3671.31	1419.80	1390.92	28.872
2004	274177	107418.262	105166.405	2251.857	0.821	2.096	3481.92	1364.16	1335.57	28.598
2005	272379	107678.770	105335.559	2343.211	0.860	2.176	3417.44	1351.01	1321.61	29.399
2006	264118	104357.806	102010.115	2347.692	0.889	2.250	3281.83	1296.71	1267.54	29.172
2007	258419	102690.449	100212.077	2478.372	0.959	2.413	3176.05	1262.10	1231.64	30.460
2008	259461	103492.166	100684.634	2807.533	1.082	2.713	3150.91	1256.82	1222.72	34.095
2009	253907	101384.044	98385.840	2998.204	1.181	2.957	3045.20	1215.94	1179.98	35.959

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2243708.256	29535.42	0.508	1.299	3927.78	1535.76	1515.80	19.954

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Main Results for E-Component Summarized over Simulations for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.775	9.011	0.011	0.014	1213.84	975.702	975.563	0.139
1992	77987	62535.347	62506.687	28.661	0.037	0.046	1185.97	950.993	950.557	0.436
1993	78542	62883.111	62821.274	61.837	0.079	0.098	1173.36	939.428	938.504	0.924
1994	77437	61805.804	61711.389	94.415	0.122	0.153	1135.48	906.276	904.892	1.384
1995	76904	61145.799	61004.531	141.268	0.184	0.231	1106.18	879.519	877.487	2.032
1996	76232	60385.323	60205.425	179.897	0.236	0.298	1079.72	855.277	852.729	2.548
1997	75473	59549.806	59353.909	195.897	0.260	0.329	1051.87	829.947	827.217	2.730
1998	75381	59292.315	59014.939	277.376	0.368	0.468	1033.62	813.010	809.207	3.803
1999	73159	57398.351	57061.286	337.065	0.461	0.587	987.557	774.807	770.257	4.550
2000	73784	57716.549	57310.618	405.930	0.550	0.703	981.515	767.777	762.377	5.400
2001	73294	57211.877	56754.987	456.890	0.623	0.799	962.399	751.230	745.231	5.999
2002	72442	56438.810	55944.818	493.992	0.682	0.875	940.422	732.673	726.261	6.413
2003	71942	55948.341	55436.442	511.900	0.712	0.915	923.937	718.533	711.959	6.574
2004	71301	55339.218	54808.407	530.811	0.744	0.959	905.490	702.783	696.042	6.741
2005	70964	54964.459	54431.499	532.960	0.751	0.970	890.360	689.620	682.933	6.687
2006	69658	53781.526	53259.314	522.213	0.750	0.971	865.543	668.268	661.780	6.489
2007	68565	52784.985	52244.684	540.300	0.788	1.024	842.687	648.745	642.104	6.640
2008	68226	52470.692	51839.555	631.137	0.925	1.203	828.542	637.208	629.543	7.665
2009	67509	51823.021	51148.862	674.159	0.999	1.301	809.661	621.533	613.448	8.085

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1153362.809	6625.719	0.449	0.571	997.213	783.665	779.189	4.476

****

Main Results for E-Component Summarized over Simulations for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37048.617	18.768	0.011	0.051	2599.72	573.449	573.159	0.290
1992	164548	35863.851	35785.304	78.547	0.048	0.219	2502.33	545.392	544.197	1.194
1993	164362	35459.800	35270.239	189.561	0.115	0.535	2455.45	529.744	526.912	2.832
1994	159866	34293.631	34024.344	269.287	0.168	0.785	2344.16	502.857	498.909	3.949
1995	158083	33531.695	33149.477	382.218	0.242	1.140	2273.86	482.318	476.821	5.498
1996	154875	32438.163	31948.457	489.706	0.316	1.510	2193.60	459.443	452.507	6.936
1997	149970	31179.663	30611.107	568.556	0.379	1.823	2090.14	434.552	426.628	7.924
1998	145407	29860.736	29220.242	640.494	0.440	2.145	1993.81	409.447	400.665	8.782
1999	165952	34413.904	33536.626	877.279	0.529	2.549	2240.15	464.545	452.703	11.842
2000	160260	33265.290	32364.433	900.857	0.562	2.708	2131.87	442.513	430.529	11.984
2001	154444	32074.102	31111.782	962.320	0.623	3.000	2027.95	421.154	408.518	12.636
2002	151887	31817.956	30790.650	1027.306	0.676	3.229	1971.76	413.052	399.716	13.336
2003	146733	31025.931	29855.962	1169.969	0.797	3.771	1884.46	398.460	383.434	15.026
2004	138381	29503.602	28332.952	1170.650	0.846	3.968	1757.38	374.682	359.816	14.867
2005	135881	29077.894	27849.632	1228.261	0.904	4.224	1704.85	364.830	349.419	15.411
2006	131922	28385.448	27107.232	1278.216	0.969	4.503	1639.21	352.707	336.824	15.883
2007	126502	27327.625	25966.537	1361.088	1.076	4.981	1554.75	335.866	319.137	16.728
2008	125859	27025.472	25540.592	1484.880	1.180	5.494	1528.44	328.199	310.167	18.032
2009	122428	26361.626	24762.612	1599.014	1.306	6.066	1468.33	316.165	296.988	19.178

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	622659.695	15696.98	0.524	2.459	2024.64	431.261	420.656	10.605

****

Main Results for E-Component Summarized over Simulations for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 1 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.660	1.322	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4360.057	11.139	0.035	0.255	488.154	66.474	66.305	0.169
1993	32896	4414.136	4381.697	32.439	0.099	0.735	491.442	65.944	65.459	0.485
1994	33323	4474.895	4424.604	50.292	0.151	1.124	488.625	65.617	64.879	0.737
1995	33569	4476.290	4400.120	76.170	0.227	1.702	482.855	64.387	63.291	1.096
1996	33870	4489.078	4384.749	104.329	0.308	2.324	479.723	63.582	62.104	1.478
1997	33516	4444.866	4315.032	129.834	0.387	2.921	467.113	61.948	60.139	1.810
1998	32795	4313.427	4183.904	129.523	0.395	3.003	449.682	59.145	57.369	1.776
1999	33375	4232.739	4081.905	150.834	0.452	3.563	450.521	57.137	55.101	2.036
2000	33459	4307.577	4158.893	148.684	0.444	3.452	445.090	57.302	55.324	1.978
2001	32275	4136.308	3990.097	146.211	0.453	3.535	423.792	54.312	52.393	1.920
2002	31586	4079.175	3932.410	146.764	0.465	3.598	410.041	52.955	51.049	1.905
2003	30985	4096.221	3913.890	182.331	0.588	4.451	397.934	52.607	50.265	2.342
2004	29884	4034.217	3855.628	178.589	0.598	4.427	379.513	51.233	48.965	2.268
2005	28708	3944.303	3763.091	181.211	0.631	4.594	360.189	49.488	47.214	2.274
2006	28188	3970.169	3774.285	195.885	0.695	4.934	350.253	49.332	46.898	2.434
2007	28026	3957.558	3737.591	219.967	0.785	5.558	344.449	48.640	45.936	2.703
2008	27128	3812.302	3595.897	216.405	0.798	5.676	329.444	46.297	43.669	2.628
2009	27068	3827.467	3577.894	249.573	0.922	6.521	324.637	45.904	42.911	2.993

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81906.001	2551.502	0.406	3.021	424.421	57.058	55.334	1.724

****

Main Results for E-Component Summarized over Simulations for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.801	3.629	0.011	0.019	527.418	301.804	301.748	0.056
1992	33942	19373.324	19361.113	12.210	0.036	0.063	516.166	294.616	294.430	0.186
1993	35913	20512.169	20484.764	27.405	0.076	0.134	536.514	306.437	306.027	0.409
1994	35074	19906.392	19860.120	46.272	0.132	0.232	514.300	291.893	291.215	0.679
1995	34669	19512.784	19437.666	75.118	0.217	0.385	498.677	280.671	279.591	1.080
1996	34582	19294.631	19198.718	95.913	0.277	0.497	489.808	273.283	271.924	1.358
1997	35267	19490.717	19384.119	106.598	0.302	0.547	491.517	271.643	270.157	1.486
1998	35675	19571.902	19393.407	178.495	0.500	0.912	489.172	268.368	265.920	2.447
1999	38516	21022.469	20767.439	255.029	0.662	1.213	519.919	283.777	280.335	3.443
2000	36283	19687.992	19384.760	303.232	0.836	1.540	482.656	261.900	257.867	4.034
2001	36281	19625.032	19274.530	350.502	0.966	1.786	476.394	257.690	253.087	4.602
2002	35983	19408.801	19017.418	391.382	1.088	2.017	467.122	251.960	246.879	5.081
2003	36205	19481.360	19097.470	383.890	1.060	1.971	464.974	250.195	245.265	4.930
2004	34611	18541.224	18169.418	371.806	1.074	2.005	439.544	235.465	230.743	4.722
2005	36826	19692.114	19291.336	400.778	1.088	2.035	462.043	247.070	242.042	5.028
2006	34350	18220.663	17869.284	351.379	1.023	1.928	426.820	226.403	222.037	4.366
2007	35326	18620.282	18263.265	357.017	1.011	1.917	434.168	228.849	224.462	4.388
2008	38248	20183.701	19708.590	475.111	1.242	2.354	464.487	245.112	239.343	5.770
2009	36902	19371.930	18896.472	475.458	1.288	2.454	442.580	232.335	226.633	5.702

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385779.751	4661.223	0.654	1.194	481.512	263.774	260.625	3.149

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA1
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 2, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 2, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000100	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000150	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000225	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000075	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000100	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000150	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000225	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000200	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000200	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000200	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000200	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000200	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000200	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000200	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000200	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000200	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000200	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000200	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000200	0.004000

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 2, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 2, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2045.00	22.52	118.00	5.36			
5	All Ages	Current MRTP	88.00	0.97					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1992.00	21.94			14.74	117.00	5.87

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	2.00	0.67			1.00	2.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	225.00	26.66	3.00	1.16			
5	20-24	Current MRTP	17.00	2.01					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	28.00	3.32			2.89	10.00	35.71
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	206.00	24.79	9.00	3.96			
5	25-29	Current MRTP	14.00	1.68					
5	25-29	Current Dual	7.00	0.84					
5	25-29	Former	141.00	16.97			5.33	14.00	9.93
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	284.00	28.43	13.00	4.38			
5	30-34	Current MRTP	5.00	0.50					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	180.00	18.02			7.83	13.00	7.22
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	304.00	27.09	9.00	2.80			
5	35-39	Current MRTP	12.00	1.07					
5	35-39	Current Dual	5.00	0.45					
5	35-39	Former	240.00	21.39			8.47	15.00	6.25
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	215.00	22.16	9.00	4.07			
5	40-44	Current MRTP	4.00	0.41					
5	40-44	Current Dual	2.00	0.21					
5	40-44	Former	252.00	25.98			11.56	15.00	5.95
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	9.00	4.81			
5	45-49	Current MRTP	6.00	0.74					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	202.00	24.91			11.30	14.00	6.93
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	149.00	23.99	9.00	5.84			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	122.00	22.80	7.00	5.51			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	156.00	29.16			14.98	7.00	4.49
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.54			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.36	3.00	2.29
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	77.00	14.29	13.00	15.48			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	2.00	0.37					
5	70-74	Former	175.00	32.47			24.78	5.00	2.86

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	5.00	1.03					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1896.00	20.81	190.00	8.63			
10	All Ages	Current MRTP	183.00	2.01					
10	All Ages	Current Dual	122.00	1.34					
10	All Ages	Former	2010.00	22.07			16.21	114.00	5.67

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	26.00	3.20					
10	20-24	Current Dual	29.00	3.57					
10	20-24	Former	20.00	2.46			2.70	6.00	30.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	212.00	25.12	5.00	1.89			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	23.00	2.73					
10	25-29	Former	56.00	6.64			4.73	14.00	25.00

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	188.00	22.62	15.00	6.67			
10	30-34	Current MRTP	23.00	2.77					
10	30-34	Current Dual	14.00	1.68					
10	30-34	Former	165.00	19.86			8.74	13.00	7.88

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	261.00	26.13	26.00	8.81			
10	35-39	Current MRTP	16.00	1.60					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	194.00	19.42			11.19	8.00	4.12

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	268.00	23.89	20.00	6.83			
10	40-44	Current MRTP	18.00	1.60					
10	40-44	Current Dual	7.00	0.62					
10	40-44	Former	268.00	23.89			11.66	14.00	5.22

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	190.00	19.59	20.00	9.66			
10	45-49	Current MRTP	10.00	1.03					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	266.00	27.42			15.20	12.00	4.51

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	20.00	11.24			
10	50-54	Current MRTP	14.00	1.73					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	211.00	26.02			14.79	10.00	4.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	131.00	21.10	16.00	11.03			
10	55-59	Current MRTP	9.00	1.45					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	175.00	28.18			18.49	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	109.00	20.37	12.00	9.92			
10	60-64	Current MRTP	8.00	1.50					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	162.00	30.28			18.58	4.00	2.47
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	91.00	18.65	11.00	11.22			
10	65-69	Current MRTP	4.00	0.82					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	140.00	28.69			23.66	4.00	2.86
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	84.00	15.67	18.00	18.00			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	5.00	0.93					
10	70-74	Former	176.00	32.84			23.14	12.00	6.82
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	27.00	32.93			
10	75-79	Current MRTP	14.00	2.60					
10	75-79	Current Dual	2.00	0.37					
10	75-79	Former	177.00	32.84			26.75	11.00	6.21
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1622.00	18.93	244.00	12.11			
15	All Ages	Current MRTP	236.00	2.75					
15	All Ages	Current Dual	157.00	1.83					
15	All Ages	Former	2032.00	23.71			17.36	128.00	6.30
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	145.00	17.84	2.00	0.88			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	41.00	5.04					
15	25-29	Former	39.00	4.80			4.33	13.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

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15	30-34	Current CC	194.00	22.99	8.00	2.97			
15	30-34	Current MRTP	45.00	5.33					
15	30-34	Current Dual	30.00	3.55					
15	30-34	Former	85.00	10.07			6.62	16.00	18.82
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	165.00	19.86	27.00	12.92			
15	35-39	Current MRTP	29.00	3.49					
15	35-39	Current Dual	15.00	1.81					
15	35-39	Former	188.00	22.62			11.82	8.00	4.26
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	229.00	22.92	32.00	11.76			
15	40-44	Current MRTP	19.00	1.90					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	217.00	21.72			14.00	12.00	5.53
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	234.00	20.86	29.00	10.70			
15	45-49	Current MRTP	27.00	2.41					
15	45-49	Current Dual	10.00	0.89					
15	45-49	Former	290.00	25.85			14.97	11.00	3.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	166.00	17.11	29.00	15.34			
15	50-54	Current MRTP	13.00	1.34					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	284.00	29.28			18.13	14.00	4.93
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	140.00	17.26	26.00	16.25			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	5.00	0.62					
15	55-59	Former	229.00	28.24			17.51	14.00	6.11
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	108.00	17.39	18.00	14.40			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	195.00	31.40			20.37	10.00	5.13
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	98.00	18.32	25.00	22.32			
15	65-69	Current MRTP	11.00	2.06					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	171.00	31.96			21.37	8.00	4.68
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	73.00	14.96	20.00	22.47			
15	70-74	Current MRTP	7.00	1.43					
15	70-74	Current Dual	9.00	1.84					
15	70-74	Former	149.00	30.53			24.11	10.00	6.71
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	70.00	13.06	28.00	30.77			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	6.00	1.12					
15	75-79	Former	185.00	34.51			24.69	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1381.00	17.19	265.00	14.81			

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20	All Ages	Current MRTP	248.00	3.09					
20	All Ages	Current Dual	160.00	1.99					
20	All Ages	Former	2019.00	25.13			18.92	115.00	5.70
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	142.00	17.47	4.00	1.75			
20	30-34	Current MRTP	45.00	5.54					
20	30-34	Current Dual	42.00	5.17					
20	30-34	Former	63.00	7.75			6.25	11.00	17.46
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	167.00	19.79	12.00	4.76			
20	35-39	Current MRTP	50.00	5.92					
20	35-39	Current Dual	35.00	4.15					
20	35-39	Former	114.00	13.51			8.65	16.00	14.04
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	144.00	17.33	31.00	16.40			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	16.00	1.93					
20	40-44	Former	208.00	25.03			14.94	7.00	3.37
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	212.00	21.22	36.00	14.06			
20	45-49	Current MRTP	22.00	2.20					
20	45-49	Current Dual	22.00	2.20					
20	45-49	Former	233.00	23.32			17.05	8.00	3.43
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	207.00	18.45	36.00	14.57			
20	50-54	Current MRTP	27.00	2.41					
20	50-54	Current Dual	13.00	1.16					
20	50-54	Former	314.00	27.99			17.71	14.00	4.46
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	145.00	14.95	33.00	19.41			
20	55-59	Current MRTP	16.00	1.65					
20	55-59	Current Dual	9.00	0.93					
20	55-59	Former	303.00	31.24			20.78	11.00	3.63
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	120.00	14.80	37.00	24.34			
20	60-64	Current MRTP	24.00	2.96					

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	237.00	29.22			20.46	12.00	5.06

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	96.00	15.46	23.00	20.00			
20	65-69	Current MRTP	15.00	2.42					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	205.00	33.01			23.14	9.00	4.39

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	85.00	15.89	29.00	28.43			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	181.00	33.83			24.04	12.00	6.63

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	63.00	12.91	24.00	31.17			
20	75-79	Current MRTP	8.00	1.64					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	161.00	32.99			24.49	15.00	9.32

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Main Results for E-Component Summarized over Simulations for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59123.165	4.696	0.002	0.008	2826.86	839.248	839.181	0.067
1992	198532	60226.142	60223.135	3.007	0.002	0.005	2778.64	842.922	842.880	0.042
1993	202512	62332.320	62307.974	24.345	0.012	0.039	2793.47	859.818	859.482	0.336
1994	200658	62691.239	62662.322	28.917	0.014	0.046	2725.82	851.622	851.229	0.393
1995	201023	63132.954	63078.683	54.271	0.027	0.086	2687.54	844.043	843.318	0.726
1996	201180	64309.880	64317.345	-7.464	-0.004	-0.012	2653.67	848.280	848.378	-0.098
1997	198639	64547.894	64542.760	5.133	0.003	0.008	2583.39	839.475	839.408	0.067
1998	197573	65384.866	65278.599	106.267	0.054	0.163	2533.29	838.367	837.004	1.363
1999	211329	67554.762	67338.534	216.228	0.102	0.320	2673.14	854.513	851.778	2.735
2000	208496	68184.366	67884.864	299.502	0.144	0.439	2604.20	851.652	847.911	3.741
2001	203606	68286.060	67867.082	418.979	0.206	0.614	2514.65	843.372	838.198	5.175
2002	200828	68983.996	68531.015	452.981	0.226	0.657	2455.47	843.450	837.912	5.538
2003	196352	68717.830	68062.547	655.283	0.334	0.954	2377.49	832.057	824.123	7.934
2004	188160	67344.952	66400.654	944.298	0.502	1.402	2254.66	806.974	795.658	11.315
2005	186416	67846.650	66748.718	1097.932	0.589	1.618	2208.07	803.634	790.629	13.005
2006	180088	66622.465	65121.162	1501.302	0.834	2.253	2113.55	781.893	764.274	17.620
2007	175644	65977.201	64195.520	1781.681	1.014	2.700	2039.92	766.256	745.564	20.692
2008	177570	67121.344	65206.902	1914.442	1.078	2.852	2039.03	770.751	748.767	21.983
2009	172806	66622.993	64390.088	2232.905	1.292	3.352	1961.22	756.123	730.781	25.342

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1290581.659	11734.71	0.301	0.901	2465.77	823.300	815.882	7.418

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Main Results for E-Component Summarized over Simulations for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31526.857	3.162	0.007	0.010	620.154	447.530	447.485	0.045
1992	45423	32811.446	32810.931	0.516	0.001	0.002	635.738	459.227	459.220	0.007
1993	46291	33467.735	33463.770	3.965	0.009	0.012	638.542	461.657	461.602	0.055
1994	47017	33989.389	33987.525	1.864	0.004	0.005	638.697	461.725	461.700	0.025
1995	47840	34566.580	34560.463	6.117	0.013	0.018	639.587	462.131	462.049	0.082
1996	48244	34997.958	35017.882	-19.925	-0.041	-0.057	636.363	461.641	461.904	-0.263
1997	49035	35549.658	35566.045	-16.387	-0.033	-0.046	637.723	462.340	462.553	-0.213
1998	49686	36138.033	36131.056	6.977	0.014	0.019	637.076	463.363	463.274	0.089
1999	48883	35506.142	35483.336	22.805	0.047	0.064	618.331	449.124	448.836	0.288
2000	50331	36573.306	36522.850	50.456	0.100	0.138	628.656	456.816	456.186	0.630
2001	50389	36733.445	36654.950	78.495	0.156	0.214	622.333	453.679	452.710	0.969
2002	51445	37627.700	37531.298	96.402	0.187	0.256	629.005	460.065	458.886	1.179
2003	51408	37552.784	37388.077	164.707	0.320	0.439	622.464	454.701	452.707	1.994
2004	51399	37527.823	37271.725	256.098	0.498	0.682	615.898	449.684	446.615	3.069
2005	51421	37486.186	37193.400	292.787	0.569	0.781	609.074	444.018	440.550	3.468
2006	51355	37409.496	36966.141	443.355	0.863	1.185	602.712	439.045	433.841	5.203
2007	51839	37602.867	37063.381	539.486	1.041	1.435	602.056	436.718	430.452	6.266
2008	50976	36986.957	36431.854	555.103	1.089	1.501	585.355	424.719	418.345	6.374
2009	51193	37201.944	36518.975	682.969	1.334	1.836	581.003	422.215	414.464	7.751

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	708735.887	3168.952	0.323	0.445	619.890	450.053	448.050	2.003

****

Main Results for E-Component Summarized over Simulations for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12664.866	-1.887	-0.002	-0.015	1368.32	179.735	179.762	-0.027
1992	93721	12337.995	12335.901	2.095	0.002	0.017	1311.71	172.682	172.653	0.029
1993	93679	12401.934	12386.386	15.548	0.017	0.125	1292.22	171.073	170.859	0.214
1994	90832	12128.576	12103.591	24.985	0.028	0.206	1233.90	164.759	164.420	0.339
1995	89698	11958.696	11921.828	36.868	0.041	0.308	1199.20	159.879	159.386	0.493
1996	88286	12020.749	11987.993	32.756	0.037	0.272	1164.54	158.560	158.128	0.432
1997	84777	11593.724	11549.382	44.342	0.052	0.382	1102.56	150.782	150.205	0.577
1998	82517	11337.035	11246.964	90.071	0.109	0.794	1058.04	145.364	144.209	1.155
1999	93939	13027.458	12862.524	164.934	0.176	1.266	1188.25	164.787	162.701	2.086
2000	90039	12607.547	12428.594	178.954	0.199	1.419	1124.63	157.474	155.238	2.235
2001	86119	12350.451	12104.801	245.650	0.285	1.989	1063.62	152.535	149.501	3.034
2002	83014	12112.097	11847.220	264.877	0.319	2.187	1014.99	148.092	144.853	3.239
2003	79302	11683.252	11364.432	318.820	0.402	2.729	960.214	141.465	137.604	3.860
2004	73861	11139.095	10716.871	422.225	0.572	3.790	885.053	133.476	128.417	5.059
2005	71649	10884.683	10411.182	473.501	0.661	4.350	848.672	128.927	123.319	5.609
2006	67551	10397.565	9816.830	580.734	0.860	5.585	792.791	122.028	115.212	6.816
2007	63503	9785.831	9109.551	676.281	1.065	6.911	737.521	113.652	105.798	7.854
2008	63171	9922.524	9191.291	731.233	1.158	7.369	725.389	113.940	105.543	8.397
2009	59747	9483.598	8683.489	800.109	1.339	8.437	678.085	107.632	98.551	9.081

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	227380.456	5102.094	0.309	2.195	1043.56	146.971	143.746	3.225

****

Main Results for E-Component Summarized over Simulations for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 2 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3116.062	-0.046	-0.000	-0.001	461.369	44.228	44.229	-0.001
1992	32560	3095.448	3095.551	-0.103	-0.000	-0.003	455.708	43.324	43.325	-0.001
1993	32768	3114.516	3111.056	3.460	0.011	0.111	452.005	42.962	42.914	0.048
1994	33005	3168.398	3162.891	5.508	0.017	0.174	448.353	43.041	42.966	0.075
1995	33730	3200.274	3189.822	10.452	0.031	0.327	450.946	42.785	42.646	0.140
1996	33750	3234.738	3222.523	12.215	0.036	0.378	445.180	42.668	42.507	0.161
1997	33699	3240.665	3232.219	8.446	0.025	0.261	438.271	42.146	42.036	0.110
1998	33274	3171.578	3146.725	24.853	0.075	0.784	426.640	40.666	40.347	0.319
1999	33891	3153.786	3108.328	45.458	0.134	1.441	428.694	39.893	39.318	0.575
2000	33827	3237.043	3176.932	60.111	0.178	1.857	422.514	40.432	39.681	0.751
2001	32506	3110.972	3030.274	80.697	0.248	2.594	401.468	38.422	37.426	0.997
2002	32078	3123.298	3032.889	90.409	0.282	2.895	392.210	38.188	37.082	1.105
2003	30568	3025.984	2922.182	103.802	0.340	3.430	370.127	36.640	35.383	1.257
2004	29388	2983.453	2844.258	139.195	0.474	4.666	352.147	35.750	34.082	1.668
2005	27954	2926.679	2768.710	157.970	0.565	5.398	331.111	34.666	32.795	1.871
2006	27201	2889.308	2696.681	192.627	0.708	6.667	319.236	33.909	31.649	2.261
2007	26302	2810.025	2581.907	228.119	0.867	8.118	305.470	32.636	29.986	2.649
2008	25998	2773.025	2534.063	238.962	0.919	8.617	298.534	31.843	29.099	2.744
2009	25040	2723.293	2455.646	267.647	1.069	9.828	284.186	30.907	27.870	3.038

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59621.963	1669.780	0.268	2.724	394.195	38.747	37.692	1.056

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Main Results for E-Component Summarized over Simulations for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11815.380	3.467	0.013	0.029	377.015	167.754	167.705	0.049
1992	26828	11981.252	11980.752	0.500	0.002	0.004	375.483	167.689	167.682	0.007
1993	29774	13348.134	13346.762	1.372	0.005	0.010	410.705	184.125	184.106	0.019
1994	29804	13404.876	13408.316	-3.440	-0.012	-0.026	404.869	182.097	182.144	-0.047
1995	29755	13407.404	13406.570	0.835	0.003	0.006	397.803	179.248	179.236	0.011
1996	30900	14056.435	14088.946	-32.511	-0.105	-0.231	407.587	185.412	185.840	-0.429
1997	31128	14163.848	14195.115	-31.267	-0.100	-0.221	404.834	184.207	184.614	-0.407
1998	32096	14738.220	14753.854	-15.634	-0.049	-0.106	411.536	188.974	189.174	-0.200
1999	34616	15867.376	15884.345	-16.969	-0.049	-0.107	437.865	200.710	200.924	-0.215
2000	34299	15766.470	15756.488	9.982	0.029	0.063	428.409	196.930	196.805	0.125
2001	34592	16091.193	16077.057	14.136	0.041	0.088	427.231	198.736	198.561	0.175
2002	34291	16120.902	16119.609	1.293	0.004	0.008	419.268	197.106	197.090	0.016
2003	35074	16455.810	16387.856	67.955	0.194	0.413	424.687	199.252	198.429	0.823
2004	33512	15694.580	15567.799	126.781	0.378	0.808	401.564	188.063	186.544	1.519
2005	35392	16549.102	16375.427	173.675	0.491	1.049	419.213	196.022	193.965	2.057
2006	33981	15926.096	15641.510	284.587	0.837	1.787	398.807	186.912	183.572	3.340
2007	34000	15778.477	15440.682	337.795	0.994	2.141	394.875	183.251	179.327	3.923
2008	37425	17438.838	17049.694	389.144	1.040	2.231	429.749	200.249	195.781	4.469
2009	36826	17214.158	16731.978	482.179	1.309	2.801	417.948	195.368	189.896	5.472

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294843.353	1793.880	0.278	0.605	408.132	187.528	186.394	1.134

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA2
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 3, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 3, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	SET4SA2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000750	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.001000	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.001500	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000750	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.001000	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.001500	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.002000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.002000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.002000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.002000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.002000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.002000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.002000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.002000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.002000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.002000	0.004000

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 3, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 3, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2222.00	24.21	145.00	5.44			
5	All Ages	Current MRTP	368.00	4.01					
5	All Ages	Current Dual	74.00	0.81					
5	All Ages	Former	2612.00	28.46			15.44	139.00	5.32

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	39.00	11.50	0.00	0.00			
5	18-19	Current MRTP	8.00	2.36					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	3.00	0.88			0.33	3.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	224.00	24.48	1.00	0.38			
5	20-24	Current MRTP	27.00	2.95					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	34.00	3.72			2.91	11.00	32.35
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	248.00	25.89	4.00	1.32			
5	25-29	Current MRTP	47.00	4.91					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	120.00	12.53			4.90	19.00	15.83
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	319.00	29.70	14.00	3.65			
5	30-34	Current MRTP	58.00	5.40					
5	30-34	Current Dual	7.00	0.65					
5	30-34	Former	196.00	18.25			6.55	18.00	9.18
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	308.00	28.44	10.00	2.80			
5	35-39	Current MRTP	45.00	4.16					
5	35-39	Current Dual	4.00	0.37					
5	35-39	Former	248.00	22.90			7.94	16.00	6.45
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	251.00	25.80	11.00	3.91			
5	40-44	Current MRTP	28.00	2.88					
5	40-44	Current Dual	2.00	0.21					
5	40-44	Former	286.00	29.39			11.77	11.00	3.85
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	210.00	24.45	14.00	5.45			
5	45-49	Current MRTP	40.00	4.66					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	294.00	34.23			13.93	14.00	4.76
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	171.00	27.14	12.00	6.15			
5	50-54	Current MRTP	22.00	3.49					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	243.00	38.57			16.87	9.00	3.70
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	121.00	23.09	18.00	12.00			
5	55-59	Current MRTP	24.00	4.58					
5	55-59	Current Dual	5.00	0.95					
5	55-59	Former	219.00	41.79			17.04	8.00	3.65
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	106.00	20.58	14.00	10.53			
5	60-64	Current MRTP	24.00	4.66					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	241.00	46.80			19.27	6.00	2.49
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	101.00	20.20	12.00	9.92			
5	65-69	Current MRTP	18.00	3.60					
5	65-69	Current Dual	2.00	0.40					
5	65-69	Former	259.00	51.80			21.88	5.00	1.93
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	66.00	14.73	22.00	23.91			
5	70-74	Current MRTP	18.00	4.02					
5	70-74	Current Dual	8.00	1.79					
5	70-74	Former	250.00	55.80			22.80	5.00	2.00

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	58.00	16.16	13.00	18.06			
5	75-79	Current MRTP	9.00	2.51					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	219.00	61.00			23.29	14.00	6.39

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	1895.00	20.21	236.00	8.76			
10	All Ages	Current MRTP	643.00	6.86					
10	All Ages	Current Dual	156.00	1.66					
10	All Ages	Former	2608.00	27.82			17.18	167.00	6.40

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	158.00	17.63	1.00	0.41			
10	20-24	Current MRTP	44.00	4.91					
10	20-24	Current Dual	39.00	4.35					
10	20-24	Former	28.00	3.13			2.50	11.00	39.29

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	209.00	22.84	2.00	0.68			
10	25-29	Current MRTP	55.00	6.01					
10	25-29	Current Dual	30.00	3.28					
10	25-29	Former	68.00	7.43			4.82	19.00	27.94

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	206.00	21.50	13.00	4.11			
10	30-34	Current MRTP	85.00	8.87					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	143.00	14.93			8.21	12.00	8.39

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	267.00	24.86	19.00	5.26			
10	35-39	Current MRTP	85.00	7.91					
10	35-39	Current Dual	9.00	0.84					
10	35-39	Former	225.00	20.95			9.82	19.00	8.44

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	242.00	22.35	25.00	7.37			
10	40-44	Current MRTP	90.00	8.31					
10	40-44	Current Dual	7.00	0.65					
10	40-44	Former	266.00	24.56			11.50	12.00	4.51

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	210.00	21.58	17.00	6.64			
10	45-49	Current MRTP	42.00	4.32					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	311.00	31.96			15.02	16.00	5.14

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	159.00	18.51	30.00	12.77			
10	50-54	Current MRTP	64.00	7.45					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	316.00	36.79			16.78	13.00	4.11
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	133.00	21.11	27.00	14.21			
10	55-59	Current MRTP	52.00	8.25					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	248.00	39.37			20.44	7.00	2.82
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	94.00	17.94	22.00	16.54			
10	60-64	Current MRTP	33.00	6.30					
10	60-64	Current Dual	6.00	1.15					
10	60-64	Former	236.00	45.04			19.57	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	89.00	17.28	21.00	16.67			
10	65-69	Current MRTP	34.00	6.60					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	248.00	48.16			22.10	12.00	4.84
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	78.00	15.60	28.00	24.78			
10	70-74	Current MRTP	28.00	5.60					
10	70-74	Current Dual	7.00	1.40					
10	70-74	Former	267.00	53.40			23.79	21.00	7.87
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	50.00	11.16	31.00	34.44			
10	75-79	Current MRTP	31.00	6.92					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	252.00	56.25			25.69	12.00	4.76
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1509.00	16.90	306.00	12.15			
15	All Ages	Current MRTP	833.00	9.33					
15	All Ages	Current Dual	176.00	1.97					
15	All Ages	Former	2541.00	28.46			18.66	151.00	5.94
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	155.00	17.30	4.00	1.42			
15	25-29	Current MRTP	78.00	8.71					
15	25-29	Current Dual	48.00	5.36					
15	25-29	Former	50.00	5.58			5.10	8.00	16.00
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	172.00	18.80	8.00	2.75			
15	30-34	Current MRTP	85.00	9.29					
15	30-34	Current Dual	34.00	3.72					
15	30-34	Former	99.00	10.82			6.93	16.00	16.16

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	168.00	17.54	22.00	7.24			
15	35-39	Current MRTP	110.00	11.48					
15	35-39	Current Dual	26.00	2.71					
15	35-39	Former	164.00	17.12			10.96	16.00	9.76

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	203.00	18.90	31.00	9.20			
15	40-44	Current MRTP	120.00	11.17					
15	40-44	Current Dual	14.00	1.30					
15	40-44	Former	249.00	23.18			12.89	17.00	6.83

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	194.00	17.91	33.00	10.71			
15	45-49	Current MRTP	104.00	9.60					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	297.00	27.42			14.48	20.00	6.73

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	163.00	16.75	29.00	11.84			
15	50-54	Current MRTP	76.00	7.81					
15	50-54	Current Dual	6.00	0.62					
15	50-54	Former	322.00	33.09			18.63	11.00	3.42

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	130.00	15.13	40.00	18.26			
15	55-59	Current MRTP	80.00	9.31					
15	55-59	Current Dual	9.00	1.05					
15	55-59	Former	332.00	38.65			19.90	17.00	5.12

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	110.00	17.46	34.00	19.21			
15	60-64	Current MRTP	63.00	10.00					
15	60-64	Current Dual	4.00	0.63					
15	60-64	Former	261.00	41.43			22.57	17.00	6.51

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	79.00	15.08	29.00	23.39			
15	65-69	Current MRTP	37.00	7.06					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	245.00	46.76			22.10	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	71.00	13.79	33.00	26.83			
15	70-74	Current MRTP	44.00	8.54					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	251.00	48.74			25.02	6.00	2.39

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	64.00	12.80	43.00	39.45			
15	75-79	Current MRTP	36.00	7.20					
15	75-79	Current Dual	9.00	1.80					
15	75-79	Former	271.00	54.20			25.72	13.00	4.80

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1142.00	13.55	365.00	16.09			

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	952.00	11.30					
20	All Ages	Current Dual	175.00	2.08					
20	All Ages	Former	2438.00	28.93			19.83	138.00	5.66

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	129.00	14.40	7.00	2.62			
20	30-34	Current MRTP	96.00	10.71					
20	30-34	Current Dual	42.00	4.69					
20	30-34	Former	82.00	9.15			6.85	10.00	12.20

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	139.00	15.19	16.00	5.76			
20	35-39	Current MRTP	109.00	11.91					
20	35-39	Current Dual	30.00	3.28					
20	35-39	Former	122.00	13.33			9.20	13.00	10.66

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	133.00	13.88	25.00	8.93			
20	40-44	Current MRTP	121.00	12.63					
20	40-44	Current Dual	26.00	2.71					
20	40-44	Former	188.00	19.62			13.45	11.00	5.85

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	164.00	15.27	37.00	12.09			
20	45-49	Current MRTP	128.00	11.92					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	280.00	26.07			15.34	23.00	8.21

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	143.00	13.20	49.00	16.96			
20	50-54	Current MRTP	135.00	12.47					
20	50-54	Current Dual	11.00	1.02					
20	50-54	Former	316.00	29.18			17.47	15.00	4.75

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	131.00	13.46	40.00	17.24			
20	55-59	Current MRTP	92.00	9.46					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	335.00	34.43			21.55	16.00	4.78

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	108.00	12.57	57.00	27.27			
20	60-64	Current MRTP	86.00	10.01					

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	15.00	1.75					
20	60-64	Former	342.00	39.81			22.39	18.00	5.26

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	84.00	13.33	48.00	28.57			
20	65-69	Current MRTP	77.00	12.22					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	270.00	42.86			24.43	14.00	5.19

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	63.00	12.02	42.00	34.71			
20	70-74	Current MRTP	49.00	9.35					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	248.00	47.33			24.80	8.00	3.23

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	48.00	9.32	44.00	36.97			
20	75-79	Current MRTP	59.00	11.46					
20	75-79	Current Dual	12.00	2.33					
20	75-79	Former	255.00	49.51			26.23	10.00	3.92

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Main Results for E-Component Summarized over Simulations for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124025.629	106.955	0.034	0.086	4845.61	1920.39	1918.73	1.655
1992	308577	122143.718	121799.592	344.127	0.112	0.282	4692.62	1857.47	1852.24	5.233
1993	311713	123269.216	122537.188	732.029	0.235	0.594	4656.77	1841.55	1830.62	10.936
1994	305700	120480.723	119353.342	1127.381	0.369	0.936	4482.57	1766.64	1750.11	16.531
1995	303225	118666.569	117063.536	1603.033	0.529	1.351	4361.58	1706.89	1683.84	23.058
1996	299559	116607.195	114551.997	2055.198	0.686	1.762	4242.85	1651.58	1622.48	29.109
1997	294226	114665.051	112157.336	2507.715	0.852	2.187	4100.64	1598.09	1563.14	34.950
1998	289258	113038.380	109988.587	3049.793	1.054	2.698	3966.28	1549.97	1508.15	41.818
1999	311002	117067.463	113058.021	4009.442	1.289	3.425	4198.14	1580.27	1526.14	54.123
2000	303786	114977.407	110495.920	4481.487	1.475	3.898	4041.13	1529.49	1469.88	59.615
2001	296294	113047.319	108087.285	4960.034	1.674	4.388	3890.54	1484.39	1419.26	65.129
2002	291898	111744.742	106113.340	5631.402	1.929	5.040	3789.34	1450.64	1377.53	73.105
2003	285865	110551.854	104332.253	6219.601	2.176	5.626	3671.31	1419.80	1339.92	79.877
2004	274177	107418.262	100888.075	6530.187	2.382	6.079	3481.92	1364.16	1281.23	82.930
2005	272379	107678.770	100564.522	7114.247	2.612	6.607	3417.44	1351.01	1261.75	89.260
2006	264118	104357.806	96847.079	7510.727	2.844	7.197	3281.83	1296.71	1203.38	93.325
2007	258419	102690.449	94711.724	7978.725	3.088	7.770	3176.05	1262.10	1164.04	98.061
2008	259461	103492.166	94830.833	8661.333	3.338	8.369	3150.91	1256.82	1151.63	105.184
2009	253907	101384.044	92125.427	9258.616	3.646	9.132	3045.20	1215.94	1104.90	111.042

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2189361.646	83882.03	1.443	3.690	3927.78	1535.76	1479.09	56.669

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Main Results for E-Component Summarized over Simulations for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63050.334	18.452	0.024	0.029	1213.84	975.702	975.417	0.285
1992	77987	62535.347	62478.048	57.299	0.073	0.092	1185.97	950.993	950.122	0.871
1993	78542	62883.111	62762.095	121.016	0.154	0.192	1173.36	939.428	937.620	1.808
1994	77437	61805.804	61612.303	193.501	0.250	0.313	1135.48	906.276	903.439	2.837
1995	76904	61145.799	60864.279	281.520	0.366	0.460	1106.18	879.519	875.469	4.049
1996	76232	60385.323	60020.654	364.669	0.478	0.604	1079.72	855.277	850.112	5.165
1997	75473	59549.806	59108.241	441.565	0.585	0.742	1051.87	829.947	823.793	6.154
1998	75381	59292.315	58699.877	592.438	0.786	0.999	1033.62	813.010	804.887	8.123
1999	73159	57398.351	56700.259	698.092	0.954	1.216	987.557	774.807	765.384	9.423
2000	73784	57716.549	56882.869	833.680	1.130	1.444	981.515	767.777	756.687	11.090
2001	73294	57211.877	56246.882	964.995	1.317	1.687	962.399	751.230	738.559	12.671
2002	72442	56438.810	55317.267	1121.543	1.548	1.987	940.422	732.673	718.114	14.560
2003	71942	55948.341	54682.135	1266.206	1.760	2.263	923.937	718.533	702.272	16.262
2004	71301	55339.218	53949.983	1389.235	1.948	2.510	905.490	702.783	685.140	17.643
2005	70964	54964.459	53455.350	1509.110	2.127	2.746	890.360	689.620	670.685	18.934
2006	69658	53781.526	52175.076	1606.450	2.306	2.987	865.543	668.268	648.307	19.961
2007	68565	52784.985	51046.915	1738.069	2.535	3.293	842.687	648.745	627.383	21.361
2008	68226	52470.692	50554.087	1916.605	2.809	3.653	828.542	637.208	613.933	23.275
2009	67509	51823.021	49726.887	2096.134	3.105	4.045	809.661	621.533	596.394	25.140

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1142777.949	17210.58	1.166	1.484	997.213	783.665	772.038	11.627

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Main Results for E-Component Summarized over Simulations for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	36996.038	71.346	0.042	0.192	2599.72	573.449	572.345	1.104
1992	164548	35863.851	35635.802	228.049	0.139	0.636	2502.33	545.392	541.924	3.468
1993	164362	35459.800	34979.912	479.888	0.292	1.353	2455.45	529.744	522.574	7.169
1994	159866	34293.631	33577.936	715.695	0.448	2.087	2344.16	502.857	492.363	10.494
1995	158083	33531.695	32528.477	1003.217	0.635	2.992	2273.86	482.318	467.888	14.430
1996	154875	32438.163	31161.940	1276.223	0.824	3.934	2193.60	459.443	441.367	18.076
1997	149970	31179.663	29631.125	1548.537	1.033	4.966	2090.14	434.552	412.970	21.582
1998	145407	29860.736	28063.307	1797.430	1.236	6.019	1993.81	409.447	384.801	24.646
1999	165952	34413.904	31925.023	2488.882	1.500	7.232	2240.15	464.545	430.949	33.597
2000	160260	33265.290	30541.434	2723.856	1.700	8.188	2131.87	442.513	406.279	36.234
2001	154444	32074.102	29109.721	2964.381	1.919	9.242	2027.95	421.154	382.230	38.924
2002	151887	31817.956	28487.969	3329.988	2.192	10.466	1971.76	413.052	369.823	43.229
2003	146733	31025.931	27396.077	3629.854	2.474	11.699	1884.46	398.460	351.842	46.617
2004	138381	29503.602	25732.914	3770.688	2.725	12.780	1757.38	374.682	326.796	47.886
2005	135881	29077.894	25000.435	4077.459	3.001	14.023	1704.85	364.830	313.672	51.158
2006	131922	28385.448	24040.863	4344.585	3.293	15.306	1639.21	352.707	298.722	53.984
2007	126502	27327.625	22781.426	4546.199	3.594	16.636	1554.75	335.866	279.991	55.874
2008	125859	27025.472	22196.909	4828.563	3.836	17.867	1528.44	328.199	269.561	58.638
2009	122428	26361.626	21244.561	5117.065	4.180	19.411	1468.33	316.165	254.794	61.371

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	589414.767	48941.91	1.633	7.667	2024.64	431.261	398.197	33.064

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Main Results for E-Component Summarized over Simulations for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 3 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4479.433	8.549	0.026	0.190	504.630	69.431	69.299	0.132
1992	32100	4371.196	4340.021	31.175	0.097	0.713	488.154	66.474	66.000	0.474
1993	32896	4414.136	4342.322	71.814	0.218	1.627	491.442	65.944	64.871	1.073
1994	33323	4474.895	4360.414	114.481	0.344	2.558	488.625	65.617	63.938	1.679
1995	33569	4476.290	4312.323	163.967	0.488	3.663	482.855	64.387	62.028	2.359
1996	33870	4489.078	4271.156	217.922	0.643	4.855	479.723	63.582	60.495	3.087
1997	33516	4444.866	4167.839	277.027	0.827	6.233	467.113	61.948	58.087	3.861
1998	32795	4313.427	4001.861	311.566	0.950	7.223	449.682	59.145	54.873	4.272
1999	33375	4232.739	3870.780	361.959	1.085	8.551	450.521	57.137	52.251	4.886
2000	33459	4307.577	3904.695	402.882	1.204	9.353	445.090	57.302	51.942	5.359
2001	32275	4136.308	3715.910	420.399	1.303	10.164	423.792	54.312	48.792	5.520
2002	31586	4079.175	3618.510	460.665	1.458	11.293	410.041	52.955	46.975	5.980
2003	30985	4096.221	3574.748	521.473	1.683	12.731	397.934	52.607	45.910	6.697
2004	29884	4034.217	3486.934	547.283	1.831	13.566	379.513	51.233	44.282	6.950
2005	28708	3944.303	3363.844	580.459	2.022	14.716	360.189	49.488	42.205	7.283
2006	28188	3970.169	3331.598	638.571	2.265	16.084	350.253	49.332	41.397	7.935
2007	28026	3957.558	3268.745	688.812	2.458	17.405	344.449	48.640	40.174	8.466
2008	27128	3812.302	3107.841	704.461	2.597	18.479	329.444	46.297	37.742	8.555
2009	27068	3827.467	3052.207	775.260	2.864	20.255	324.637	45.904	36.606	9.298

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	77158.777	7298.726	1.162	8.642	424.421	57.058	52.127	4.931

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Main Results for E-Component Summarized over Simulations for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19499.823	8.607	0.025	0.044	527.418	301.804	301.671	0.133
1992	33942	19373.324	19345.720	27.604	0.081	0.142	516.166	294.616	294.196	0.420
1993	35913	20512.169	20452.859	59.310	0.165	0.289	536.514	306.437	305.551	0.886
1994	35074	19906.392	19802.689	103.703	0.296	0.521	514.300	291.893	290.373	1.521
1995	34669	19512.784	19358.456	154.328	0.445	0.791	498.677	280.671	278.451	2.220
1996	34582	19294.631	19098.246	196.384	0.568	1.018	489.808	273.283	270.501	2.782
1997	35267	19490.717	19250.131	240.585	0.682	1.234	491.517	271.643	268.290	3.353
1998	35675	19571.902	19223.542	348.360	0.976	1.780	489.172	268.368	263.591	4.777
1999	38516	21022.469	20561.959	460.509	1.196	2.191	519.919	283.777	277.561	6.216
2000	36283	19687.992	19166.922	521.069	1.436	2.647	482.656	261.900	254.969	6.932
2001	36281	19625.032	19014.773	610.259	1.682	3.110	476.394	257.690	249.677	8.013
2002	35983	19408.801	18689.594	719.207	1.999	3.706	467.122	251.960	242.623	9.337
2003	36205	19481.360	18679.292	802.068	2.215	4.117	464.974	250.195	239.894	10.301
2004	34611	18541.224	17718.244	822.980	2.378	4.439	439.544	235.465	225.014	10.451
2005	36826	19692.114	18744.894	947.220	2.572	4.810	462.043	247.070	235.186	11.884
2006	34350	18220.663	17299.543	921.120	2.682	5.055	426.820	226.403	214.957	11.445
2007	35326	18620.282	17614.637	1005.644	2.847	5.401	434.168	228.849	216.490	12.360
2008	38248	20183.701	18971.997	1211.704	3.168	6.003	464.487	245.112	230.397	14.715
2009	36902	19371.930	18101.772	1270.158	3.442	6.557	442.580	232.335	217.102	15.233

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	380010.153	10430.82	1.463	2.672	481.512	263.774	256.727	7.047

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA2
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 4, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 4, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	SET4SA2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000750	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.001000	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.001500	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.002250	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000750	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.001000	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.001500	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.002250	0.000090	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.002000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.002000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.002000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.002000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.002000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.002000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.002000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.002000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.002000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.002000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.002000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.002000	0.004000

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 4, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 4, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	1854.00	20.42	125.00	5.63			
5	All Ages	Current MRTP	296.00	3.26					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1974.00	21.74			14.86	100.00	5.07

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	6.00	2.01					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	218.00	25.83	3.00	1.15			
5	20-24	Current MRTP	28.00	3.32					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	24.00	2.84			3.08	8.00	33.33
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	191.00	22.98	9.00	3.81			
5	25-29	Current MRTP	37.00	4.45					
5	25-29	Current Dual	8.00	0.96					
5	25-29	Former	132.00	15.88			5.62	9.00	6.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	253.00	25.33	13.00	4.47			
5	30-34	Current MRTP	30.00	3.00					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	186.00	18.62			7.67	12.00	6.45
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	271.00	24.15	12.00	3.77			
5	35-39	Current MRTP	40.00	3.57					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	243.00	21.66			8.40	13.00	5.35
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	188.00	19.38	11.00	5.05			
5	40-44	Current MRTP	30.00	3.09					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	255.00	26.29			11.45	15.00	5.88
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	152.00	18.74	11.00	5.73			
5	45-49	Current MRTP	33.00	4.07					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	197.00	24.29			11.60	8.00	4.06
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	139.00	22.38	11.00	6.79			
5	50-54	Current MRTP	21.00	3.38					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	158.00	25.44			15.99	7.00	4.43
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	110.00	20.56	8.00	5.88			
5	55-59	Current MRTP	25.00	4.67					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	147.00	27.48			15.79	6.00	4.08
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	88.00	18.03	6.00	5.88			
5	60-64	Current MRTP	12.00	2.46					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	136.00	27.87			20.60	6.00	4.41
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	100.00	18.66	15.00	12.61			
5	65-69	Current MRTP	13.00	2.43					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	157.00	29.29			21.69	5.00	3.18
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	68.00	12.62	12.00	15.19			
5	70-74	Current MRTP	10.00	1.86					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	180.00	33.40			24.10	8.00	4.44
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	45.00	9.26	14.00	23.33			
5	75-79	Current MRTP	11.00	2.26					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	3.00	1.89
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1537.00	16.87	197.00	8.99			
10	All Ages	Current MRTP	536.00	5.88					
10	All Ages	Current Dual	118.00	1.30					
10	All Ages	Former	2020.00	22.18			16.10	129.00	6.39
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	129.00	15.87	2.00	1.04			
10	20-24	Current MRTP	35.00	4.31					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	20.00	2.46			2.15	9.00	45.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	185.00	21.92	4.00	1.49			
10	25-29	Current MRTP	61.00	7.23					
10	25-29	Current Dual	23.00	2.73					
10	25-29	Former	52.00	6.16			4.58	12.00	23.08
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	159.00	19.13	14.00	5.91			
10	30-34	Current MRTP	62.00	7.46					
10	30-34	Current Dual	16.00	1.93					
10	30-34	Former	153.00	18.41			8.99	15.00	9.80
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	201.00	20.12	25.00	9.06			
10	35-39	Current MRTP	61.00	6.11					
10	35-39	Current Dual	14.00	1.40					
10	35-39	Former	213.00	21.32			10.53	19.00	8.92
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	209.00	18.63	22.00	7.61			
10	40-44	Current MRTP	70.00	6.24					
10	40-44	Current Dual	10.00	0.89					
10	40-44	Former	272.00	24.24			11.56	15.00	5.51
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	143.00	14.74	22.00	11.11			
10	45-49	Current MRTP	52.00	5.36					
10	45-49	Current Dual	3.00	0.31					
10	45-49	Former	275.00	28.35			14.89	11.00	4.00
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	123.00	15.17	22.00	12.22			
10	50-54	Current MRTP	51.00	6.29					
10	50-54	Current Dual	6.00	0.74					
10	50-54	Former	209.00	25.77			14.88	7.00	3.35
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	109.00	17.55	16.00	10.60			
10	55-59	Current MRTP	38.00	6.12					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	169.00	27.21			18.89	6.00	3.55
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	84.00	15.70	12.00	10.00			
10	60-64	Current MRTP	34.00	6.36					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	163.00	30.47			18.21	8.00	4.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	69.00	14.14	11.00	12.09			
10	65-69	Current MRTP	17.00	3.48					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	147.00	30.12			22.67	10.00	6.80
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	68.00	12.69	18.00	17.82			
10	70-74	Current MRTP	28.00	5.22					
10	70-74	Current Dual	5.00	0.93					
10	70-74	Former	175.00	32.65			23.14	10.00	5.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	58.00	10.76	29.00	33.33			
10	75-79	Current MRTP	27.00	5.01					
10	75-79	Current Dual	2.00	0.37					
10	75-79	Former	172.00	31.91			27.51	7.00	4.07
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1184.00	13.82	234.00	11.46			
15	All Ages	Current MRTP	705.00	8.23					
15	All Ages	Current Dual	153.00	1.79					
15	All Ages	Former	2005.00	23.40			17.60	108.00	5.39
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	128.00	15.74	3.00	1.30			
15	25-29	Current MRTP	64.00	7.87					
15	25-29	Current Dual	38.00	4.67					
15	25-29	Former	37.00	4.55			4.27	10.00	27.03
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	152.00	18.01	6.00	2.19			
15	30-34	Current MRTP	96.00	11.37					
15	30-34	Current Dual	26.00	3.08					
15	30-34	Former	80.00	9.48			6.65	14.00	17.50
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	128.00	15.40	22.00	9.52			
15	35-39	Current MRTP	83.00	9.99					
15	35-39	Current Dual	20.00	2.41					
15	35-39	Former	166.00	19.98			12.37	9.00	5.42
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	160.00	16.02	34.00	13.08			
15	40-44	Current MRTP	82.00	8.21					
15	40-44	Current Dual	18.00	1.80					
15	40-44	Former	229.00	22.92			13.85	9.00	3.93
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	165.00	14.71	28.00	10.18			
15	45-49	Current MRTP	99.00	8.82					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	286.00	25.49			15.22	8.00	2.80
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	108.00	11.13	31.00	16.94			
15	50-54	Current MRTP	65.00	6.70					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	290.00	29.90			18.11	11.00	3.79
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	97.00	11.96	25.00	15.53			
15	55-59	Current MRTP	56.00	6.91					
15	55-59	Current Dual	8.00	0.99					
15	55-59	Former	228.00	28.11			17.61	13.00	5.70
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	81.00	13.04	22.00	15.94			
15	60-64	Current MRTP	53.00	8.53					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	182.00	29.31			21.30	6.00	3.30
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	68.00	12.71	21.00	17.80			
15	65-69	Current MRTP	47.00	8.79					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	165.00	30.84			21.96	5.00	3.03
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	48.00	9.84	16.00	20.25			
15	70-74	Current MRTP	23.00	4.71					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	159.00	32.58			23.12	15.00	9.43
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	49.00	9.14	26.00	27.96			
15	75-79	Current MRTP	37.00	6.90					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	183.00	34.14			24.97	8.00	4.37
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	900.00	11.20	251.00	13.92			

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	771.00	9.60					
20	All Ages	Current Dual	132.00	1.64					
20	All Ages	Former	2005.00	24.96			18.97	130.00	6.48

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	114.00	14.02	4.00	1.74			
20	30-34	Current MRTP	82.00	10.09					
20	30-34	Current Dual	34.00	4.18					
20	30-34	Former	62.00	7.63			6.08	8.00	12.90

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	119.00	14.10	10.00	3.83			
20	35-39	Current MRTP	118.00	13.98					
20	35-39	Current Dual	24.00	2.84					
20	35-39	Former	105.00	12.44			8.88	18.00	17.14

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	95.00	11.43	25.00	11.96			
20	40-44	Current MRTP	100.00	12.03					
20	40-44	Current Dual	14.00	1.68					
20	40-44	Former	188.00	22.62			15.11	9.00	4.79

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	132.00	13.21	37.00	15.55			
20	45-49	Current MRTP	90.00	9.01					
20	45-49	Current Dual	16.00	1.60					
20	45-49	Former	251.00	25.13			16.52	17.00	6.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	137.00	12.21	36.00	14.12			
20	50-54	Current MRTP	109.00	9.71					
20	50-54	Current Dual	9.00	0.80					
20	50-54	Former	306.00	27.27			18.05	19.00	6.21

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	87.00	8.97	36.00	21.05			
20	55-59	Current MRTP	74.00	7.63					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	302.00	31.13			21.21	9.00	2.98

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	74.00	9.12	35.00	24.14			
20	60-64	Current MRTP	63.00	7.77					

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	244.00	30.09			20.03	12.00	4.92

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	59.00	9.50	22.00	17.74			
20	65-69	Current MRTP	62.00	9.98					
20	65-69	Current Dual	3.00	0.48					
20	65-69	Former	196.00	31.56			23.44	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	45.00	8.41	22.00	22.22			
20	70-74	Current MRTP	49.00	9.16					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	184.00	34.39			23.33	19.00	10.33

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	38.00	7.79	24.00	33.80			
20	75-79	Current MRTP	24.00	4.92					
20	75-79	Current Dual	9.00	1.84					
20	75-79	Former	167.00	34.22			24.17	12.00	7.19

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Main Results for E-Component Summarized over Simulations for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59091.345	36.516	0.018	0.062	2826.86	839.248	838.729	0.518
1992	198532	60226.142	60140.378	85.764	0.043	0.142	2778.64	842.922	841.722	1.200
1993	202512	62332.320	62126.327	205.993	0.102	0.330	2793.47	859.818	856.976	2.841
1994	200658	62691.239	62399.142	292.097	0.146	0.466	2725.82	851.622	847.654	3.968
1995	201023	63132.954	62686.048	446.906	0.222	0.708	2687.54	844.043	838.068	5.975
1996	201180	64309.880	63787.934	521.946	0.259	0.812	2653.67	848.280	841.395	6.885
1997	198639	64547.894	63868.942	678.951	0.342	1.052	2583.39	839.475	830.645	8.830
1998	197573	65384.866	64448.203	936.663	0.474	1.433	2533.29	838.367	826.357	12.010
1999	211329	67554.762	66190.756	1364.006	0.645	2.019	2673.14	854.513	837.260	17.254
2000	208496	68184.366	66513.516	1670.851	0.801	2.450	2604.20	851.652	830.782	20.870
2001	203606	68286.060	66210.194	2075.866	1.020	3.040	2514.65	843.372	817.734	25.638
2002	200828	68983.996	66614.139	2369.857	1.180	3.435	2455.47	843.450	814.475	28.976
2003	196352	68717.830	65949.715	2768.115	1.410	4.028	2377.49	832.057	798.540	33.517
2004	188160	67344.952	64008.589	3336.363	1.773	4.954	2254.66	806.974	766.995	39.979
2005	186416	67846.650	64036.524	3810.126	2.044	5.616	2208.07	803.634	758.503	45.130
2006	180088	66622.465	62112.703	4509.762	2.504	6.769	2113.55	781.893	728.966	52.927
2007	175644	65977.201	61062.294	4914.907	2.798	7.449	2039.92	766.256	709.175	57.082
2008	177570	67121.344	61727.081	5394.263	3.038	8.037	2039.03	770.751	708.809	61.942
2009	172806	66622.993	60565.666	6057.327	3.505	9.092	1961.22	756.123	687.376	68.746

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1260840.084	41476.28	1.063	3.185	2465.77	823.300	797.079	26.221

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Main Results for E-Component Summarized over Simulations for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31519.310	10.708	0.025	0.034	620.154	447.530	447.378	0.152
1992	45423	32811.446	32791.462	19.984	0.044	0.061	635.738	459.227	458.948	0.280
1993	46291	33467.735	33420.313	47.422	0.102	0.142	638.542	461.657	461.003	0.654
1994	47017	33989.389	33928.601	60.788	0.129	0.179	638.697	461.725	460.899	0.826
1995	47840	34566.580	34466.974	99.606	0.208	0.288	639.587	462.131	460.799	1.332
1996	48244	34997.958	34894.837	103.121	0.214	0.295	636.363	461.641	460.281	1.360
1997	49035	35549.658	35405.350	144.307	0.294	0.406	637.723	462.340	460.463	1.877
1998	49686	36138.033	35924.433	213.600	0.430	0.591	637.076	463.363	460.624	2.739
1999	48883	35506.142	35213.717	292.424	0.598	0.824	618.331	449.124	445.425	3.699
2000	50331	36573.306	36186.106	387.200	0.769	1.059	628.656	456.816	451.980	4.836
2001	50389	36733.445	36231.792	501.653	0.996	1.366	622.333	453.679	447.484	6.196
2002	51445	37627.700	37020.902	606.798	1.180	1.613	629.005	460.065	452.645	7.419
2003	51408	37552.784	36808.594	744.190	1.448	1.982	622.464	454.701	445.690	9.011
2004	51399	37527.823	36576.384	951.439	1.851	2.535	615.898	449.684	438.283	11.401
2005	51421	37486.186	36396.379	1089.807	2.119	2.907	609.074	444.018	431.110	12.909
2006	51355	37409.496	36037.876	1371.620	2.671	3.667	602.712	439.045	422.947	16.098
2007	51839	37602.867	36048.772	1554.096	2.998	4.133	602.056	436.718	418.669	18.049
2008	50976	36986.957	35325.832	1661.125	3.259	4.491	585.355	424.719	405.645	19.075
2009	51193	37201.944	35245.120	1956.825	3.822	5.260	581.003	422.215	400.007	22.209

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	700088.126	11816.71	1.205	1.660	619.890	450.053	442.583	7.470

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Main Results for E-Component Summarized over Simulations for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12650.685	12.294	0.013	0.097	1368.32	179.735	179.561	0.175
1992	93721	12337.995	12298.098	39.897	0.043	0.323	1311.71	172.682	172.124	0.558
1993	93679	12401.934	12306.445	95.489	0.102	0.770	1292.22	171.073	169.756	1.317
1994	90832	12128.576	11980.069	148.507	0.163	1.224	1233.90	164.759	162.742	2.017
1995	89698	11958.696	11744.085	214.611	0.239	1.795	1199.20	159.879	157.010	2.869
1996	88286	12020.749	11739.961	280.788	0.318	2.336	1164.54	158.560	154.856	3.704
1997	84777	11593.724	11242.284	351.439	0.415	3.031	1102.56	150.782	146.211	4.571
1998	82517	11337.035	10878.070	458.965	0.556	4.048	1058.04	145.364	139.479	5.885
1999	93939	13027.458	12323.705	703.752	0.749	5.402	1188.25	164.787	155.885	8.902
2000	90039	12607.547	11800.199	807.348	0.897	6.404	1124.63	157.474	147.389	10.084
2001	86119	12350.451	11361.965	988.485	1.148	8.004	1063.62	152.535	140.327	12.208
2002	83014	12112.097	11017.045	1095.052	1.319	9.041	1014.99	148.092	134.703	13.389
2003	79302	11683.252	10471.764	1211.488	1.528	10.369	960.214	141.465	126.795	14.669
2004	73861	11139.095	9742.330	1396.765	1.891	12.539	885.053	133.476	116.739	16.737
2005	71649	10884.683	9342.807	1541.876	2.152	14.166	848.672	128.927	110.664	18.263
2006	67551	10397.565	8673.764	1723.800	2.552	16.579	792.791	122.028	101.797	20.231
2007	63503	9785.831	7974.012	1811.819	2.853	18.515	737.521	113.652	92.610	21.042
2008	63171	9922.524	7962.300	1960.224	3.103	19.755	725.389	113.940	91.431	22.509
2009	59747	9483.598	7399.516	2084.081	3.488	21.976	678.085	107.632	83.979	23.653

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	215555.867	16926.68	1.025	7.281	1043.56	146.971	136.270	10.701

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Main Results for E-Component Summarized over Simulations for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 4 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3111.663	4.353	0.013	0.140	461.369	44.228	44.166	0.062
1992	32560	3095.448	3083.342	12.106	0.037	0.391	455.708	43.324	43.154	0.169
1993	32768	3114.516	3085.143	29.373	0.090	0.943	452.005	42.962	42.557	0.405
1994	33005	3168.398	3120.193	48.205	0.146	1.521	448.353	43.041	42.386	0.655
1995	33730	3200.274	3128.245	72.029	0.214	2.251	450.946	42.785	41.822	0.963
1996	33750	3234.738	3140.205	94.533	0.280	2.922	445.180	42.668	41.421	1.247
1997	33699	3240.665	3124.728	115.937	0.344	3.578	438.271	42.146	40.639	1.508
1998	33274	3171.578	3019.453	152.125	0.457	4.796	426.640	40.666	38.716	1.951
1999	33891	3153.786	2953.609	200.178	0.591	6.347	428.694	39.893	37.361	2.532
2000	33827	3237.043	2986.438	250.605	0.741	7.742	422.514	40.432	37.302	3.130
2001	32506	3110.972	2815.290	295.682	0.910	9.504	401.468	38.422	34.770	3.652
2002	32078	3123.298	2792.412	330.885	1.032	10.594	392.210	38.188	34.142	4.046
2003	30568	3025.984	2662.631	363.353	1.189	12.008	370.127	36.640	32.240	4.400
2004	29388	2983.453	2557.307	426.146	1.450	14.284	352.147	35.750	30.643	5.106
2005	27954	2926.679	2452.452	474.227	1.696	16.204	331.111	34.666	29.049	5.617
2006	27201	2889.308	2359.897	529.412	1.946	18.323	319.236	33.909	27.696	6.213
2007	26302	2810.025	2238.097	571.929	2.174	20.353	305.470	32.636	25.993	6.642
2008	25998	2773.025	2169.565	603.460	2.321	21.762	298.534	31.843	24.913	6.929
2009	25040	2723.293	2066.693	656.600	2.622	24.111	284.186	30.907	23.455	7.452

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	56060.606	5231.137	0.839	8.535	394.195	38.747	35.440	3.307

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Main Results for E-Component Summarized over Simulations for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11809.686	9.161	0.034	0.078	377.015	167.754	167.624	0.130
1992	26828	11981.252	11967.476	13.777	0.051	0.115	375.483	167.689	167.496	0.193
1993	29774	13348.134	13314.425	33.708	0.113	0.253	410.705	184.125	183.660	0.465
1994	29804	13404.876	13370.278	34.598	0.116	0.258	404.869	182.097	181.627	0.470
1995	29755	13407.404	13346.745	60.660	0.204	0.452	397.803	179.248	178.437	0.811
1996	30900	14056.435	14012.931	43.504	0.141	0.309	407.587	185.412	184.838	0.574
1997	31128	14163.848	14096.580	67.268	0.216	0.475	404.834	184.207	183.332	0.875
1998	32096	14738.220	14626.247	111.973	0.349	0.760	411.536	188.974	187.538	1.436
1999	34616	15867.376	15699.724	167.652	0.484	1.057	437.865	200.710	198.589	2.121
2000	34299	15766.470	15540.772	225.697	0.658	1.432	428.409	196.930	194.111	2.819
2001	34592	16091.193	15801.146	290.046	0.838	1.803	427.231	198.736	195.153	3.582
2002	34291	16120.902	15783.780	337.121	0.983	2.091	419.268	197.106	192.984	4.122
2003	35074	16455.810	16006.726	449.084	1.280	2.729	424.687	199.252	193.815	5.438
2004	33512	15694.580	15132.567	562.013	1.677	3.581	401.564	188.063	181.329	6.734
2005	35392	16549.102	15844.885	704.217	1.990	4.255	419.213	196.022	187.680	8.341
2006	33981	15926.096	15041.166	884.930	2.604	5.556	398.807	186.912	176.526	10.386
2007	34000	15778.477	14801.413	977.064	2.874	6.192	394.875	183.251	171.903	11.348
2008	37425	17438.838	16269.384	1169.454	3.125	6.706	429.749	200.249	186.820	13.429
2009	36826	17214.158	15854.337	1359.821	3.693	7.899	417.948	195.368	179.935	15.433

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	289135.486	7501.747	1.162	2.529	408.132	187.528	182.786	4.742

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA3
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 5, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 5, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Assumption Set	SET4SA3

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.002000	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.003000	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.001500	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.002000	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.003000	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.004000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.004000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.004000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.004000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.004000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.004000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.004000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.004000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.004000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.004000	0.004000

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 5, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 5, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	1982.00	21.60	147.00	5.46			
5	All Ages	Current MRTP	626.00	6.82					
5	All Ages	Current Dual	83.00	0.90					
5	All Ages	Former	2585.00	28.17			15.57	140.00	5.42

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	39.00	11.50	0.00	0.00			
5	18-19	Current MRTP	9.00	2.65					
5	18-19	Current Dual	9.00	2.65					
5	18-19	Former	3.00	0.88			0.33	3.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	215.00	23.50	1.00	0.38			
5	20-24	Current MRTP	36.00	3.93					
5	20-24	Current Dual	13.00	1.42					
5	20-24	Former	32.00	3.50			2.97	11.00	34.38
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	221.00	23.07	5.00	1.62			
5	25-29	Current MRTP	79.00	8.25					
5	25-29	Current Dual	9.00	0.94					
5	25-29	Former	114.00	11.90			5.17	12.00	10.53
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	297.00	27.65	13.00	3.25			
5	30-34	Current MRTP	97.00	9.03					
5	30-34	Current Dual	6.00	0.56					
5	30-34	Former	180.00	16.76			6.94	15.00	8.33
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	267.00	24.65	12.00	3.44			
5	35-39	Current MRTP	75.00	6.93					
5	35-39	Current Dual	7.00	0.65					
5	35-39	Former	256.00	23.64			7.78	14.00	5.47
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	212.00	21.79	12.00	4.32			
5	40-44	Current MRTP	64.00	6.58					
5	40-44	Current Dual	2.00	0.21					
5	40-44	Former	289.00	29.70			11.57	20.00	6.92
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	181.00	21.07	14.00	5.47			
5	45-49	Current MRTP	67.00	7.80					
5	45-49	Current Dual	8.00	0.93					
5	45-49	Former	295.00	34.34			13.91	14.00	4.75
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	150.00	23.81	14.00	6.97			
5	50-54	Current MRTP	46.00	7.30					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	237.00	37.62			17.21	11.00	4.64
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	112.00	21.37	13.00	8.18			
5	55-59	Current MRTP	41.00	7.82					
5	55-59	Current Dual	6.00	1.15					
5	55-59	Former	210.00	40.08			17.61	9.00	4.29
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	84.00	16.31	16.00	13.45			
5	60-64	Current MRTP	32.00	6.21					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	255.00	49.51			18.29	13.00	5.10
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	93.00	18.60	13.00	10.16			
5	65-69	Current MRTP	32.00	6.40					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	252.00	50.40			22.42	5.00	1.98
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	56.00	12.50	21.00	23.08			
5	70-74	Current MRTP	27.00	6.03					
5	70-74	Current Dual	8.00	1.79					
5	70-74	Former	251.00	56.03			22.72	7.00	2.79

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	55.00	15.32	13.00	16.25			
5	75-79	Current MRTP	21.00	5.85					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	211.00	58.77			24.14	6.00	2.84

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	1512.00	16.13	227.00	8.44			
10	All Ages	Current MRTP	1046.00	11.16					
10	All Ages	Current Dual	130.00	1.39					
10	All Ages	Former	2614.00	27.88			17.14	159.00	6.08

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	148.00	16.52	1.00	0.40			
10	20-24	Current MRTP	67.00	7.48					
10	20-24	Current Dual	32.00	3.57					
10	20-24	Former	22.00	2.46			1.77	12.00	54.55

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	183.00	20.00	1.00	0.34			
10	25-29	Current MRTP	83.00	9.07					
10	25-29	Current Dual	29.00	3.17					
10	25-29	Former	67.00	7.32			4.79	16.00	23.88

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	163.00	17.01	13.00	4.17			
10	30-34	Current MRTP	129.00	13.47					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	147.00	15.34			7.95	17.00	11.56

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	217.00	20.20	18.00	4.97			
10	35-39	Current MRTP	136.00	12.66					
10	35-39	Current Dual	9.00	0.84					
10	35-39	Former	224.00	20.86			9.58	22.00	9.82

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	188.00	17.36	23.00	7.19			
10	40-44	Current MRTP	128.00	11.82					
10	40-44	Current Dual	4.00	0.37					
10	40-44	Former	285.00	26.32			11.12	18.00	6.32

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	158.00	16.24	20.00	7.81			
10	45-49	Current MRTP	94.00	9.66					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	311.00	31.96			15.00	14.00	4.50

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	108.00	12.57	28.00	11.97			
10	50-54	Current MRTP	116.00	13.50					
10	50-54	Current Dual	10.00	1.16					
10	50-54	Former	317.00	36.90			16.74	14.00	4.42
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	107.00	16.98	23.00	12.17			
10	55-59	Current MRTP	81.00	12.86					
10	55-59	Current Dual	1.00	0.16					
10	55-59	Former	249.00	39.52			20.33	6.00	2.41
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	75.00	14.31	18.00	12.68			
10	60-64	Current MRTP	62.00	11.83					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	227.00	43.32			20.04	11.00	4.85
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	63.00	12.23	21.00	18.10			
10	65-69	Current MRTP	50.00	9.71					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	258.00	50.10			21.59	7.00	2.71
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	65.00	13.00	30.00	23.81			
10	70-74	Current MRTP	57.00	11.40					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	254.00	50.80			24.84	15.00	5.91
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	37.00	8.26	31.00	34.83			
10	75-79	Current MRTP	43.00	9.60					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	253.00	56.47			25.66	7.00	2.77
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1089.00	12.20	301.00	11.92			
15	All Ages	Current MRTP	1289.00	14.44					
15	All Ages	Current Dual	147.00	1.65					
15	All Ages	Former	2534.00	28.39			18.70	142.00	5.60
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	132.00	14.73	0.00	0.00			
15	25-29	Current MRTP	109.00	12.17					
15	25-29	Current Dual	38.00	4.24					
15	25-29	Former	52.00	5.80			3.79	16.00	30.77
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	136.00	14.86	5.00	1.67			
15	30-34	Current MRTP	130.00	14.21					
15	30-34	Current Dual	33.00	3.61					
15	30-34	Former	91.00	9.95			7.27	13.00	14.29
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	119.00	12.42	23.00	7.52			
15	35-39	Current MRTP	165.00	17.22					
15	35-39	Current Dual	22.00	2.30					
15	35-39	Former	162.00	16.91			11.37	10.00	6.17
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	145.00	13.50	27.00	7.92			
15	40-44	Current MRTP	184.00	17.13					
15	40-44	Current Dual	12.00	1.12					
15	40-44	Former	245.00	22.81			12.92	10.00	4.08
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	137.00	12.65	35.00	11.74			
15	45-49	Current MRTP	154.00	14.22					
15	45-49	Current Dual	7.00	0.65					
15	45-49	Former	307.00	28.35			14.57	15.00	4.89
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	112.00	11.51	31.00	12.65			
15	50-54	Current MRTP	127.00	13.05					
15	50-54	Current Dual	6.00	0.62					
15	50-54	Former	322.00	33.09			18.58	16.00	4.97
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	74.00	8.61	38.00	18.27			
15	55-59	Current MRTP	129.00	15.02					
15	55-59	Current Dual	5.00	0.58					
15	55-59	Former	343.00	39.93			19.38	17.00	4.96
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	80.00	12.70	35.00	20.11			
15	60-64	Current MRTP	92.00	14.60					
15	60-64	Current Dual	2.00	0.32					
15	60-64	Former	264.00	41.90			22.33	16.00	6.06
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	54.00	10.31	24.00	18.32			
15	65-69	Current MRTP	71.00	13.55					
15	65-69	Current Dual	6.00	1.15					
15	65-69	Former	238.00	45.42			22.27	11.00	4.62
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	46.00	8.93	34.00	30.36			
15	70-74	Current MRTP	57.00	11.07					
15	70-74	Current Dual	9.00	1.75					
15	70-74	Former	262.00	50.87			24.44	7.00	2.67
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	54.00	10.80	49.00	37.12			
15	75-79	Current MRTP	71.00	14.20					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	248.00	49.60			27.46	11.00	4.44
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	726.00	8.62	355.00	15.65			

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	1400.00	16.61					
20	All Ages	Current Dual	142.00	1.69					
20	All Ages	Former	2439.00	28.94			19.89	152.00	6.23

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	95.00	10.60	4.00	1.51			
20	30-34	Current MRTP	138.00	15.40					
20	30-34	Current Dual	32.00	3.57					
20	30-34	Former	84.00	9.38			5.86	14.00	16.67

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	92.00	10.05	11.00	3.89			
20	35-39	Current MRTP	165.00	18.03					
20	35-39	Current Dual	26.00	2.84					
20	35-39	Former	117.00	12.79			9.28	14.00	11.97

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	81.00	8.46	30.00	10.38			
20	40-44	Current MRTP	185.00	19.31					
20	40-44	Current Dual	23.00	2.40					
20	40-44	Former	179.00	18.68			14.10	8.00	4.47

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	112.00	10.43	38.00	11.73			
20	45-49	Current MRTP	198.00	18.44					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	262.00	24.39			15.94	20.00	7.63

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	86.00	7.94	47.00	16.43			
20	50-54	Current MRTP	194.00	17.91					
20	50-54	Current Dual	6.00	0.55					
20	50-54	Former	319.00	29.46			17.92	12.00	3.76

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	79.00	8.12	42.00	19.09			
20	55-59	Current MRTP	134.00	13.77					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	347.00	35.66			20.96	25.00	7.20

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	58.00	6.75	54.00	27.14			
20	60-64	Current MRTP	130.00	15.13					

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	11.00	1.28					
20	60-64	Former	352.00	40.98			22.13	17.00	4.83

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	57.00	9.05	47.00	27.98			
20	65-69	Current MRTP	106.00	16.83					
20	65-69	Current Dual	5.00	0.79					
20	65-69	Former	270.00	42.86			24.40	14.00	5.19

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	36.00	6.87	35.00	28.69			
20	70-74	Current MRTP	78.00	14.89					
20	70-74	Current Dual	8.00	1.53					
20	70-74	Former	247.00	47.14			24.37	16.00	6.48

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	30.00	5.83	47.00	41.96			
20	75-79	Current MRTP	72.00	13.98					
20	75-79	Current Dual	10.00	1.94					
20	75-79	Former	262.00	50.87			26.09	12.00	4.58

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Main Results for E-Component Summarized over Simulations for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	123953.661	178.922	0.057	0.144	4845.61	1920.39	1917.62	2.768
1992	308577	122143.718	121624.641	519.077	0.168	0.425	4692.62	1857.47	1849.58	7.894
1993	311713	123269.216	122203.237	1065.979	0.342	0.865	4656.77	1841.55	1825.63	15.925
1994	305700	120480.723	118826.742	1653.981	0.541	1.373	4482.57	1766.64	1742.39	24.253
1995	303225	118666.569	116257.827	2408.742	0.794	2.030	4361.58	1706.89	1672.25	34.647
1996	299559	116607.195	113498.419	3108.775	1.038	2.666	4242.85	1651.58	1607.55	44.032
1997	294226	114665.051	110824.234	3840.817	1.305	3.350	4100.64	1598.09	1544.56	53.530
1998	289258	113038.380	108321.575	4716.805	1.631	4.173	3966.28	1549.97	1485.29	64.676
1999	311002	117067.463	110788.505	6278.957	2.019	5.364	4198.14	1580.27	1495.51	84.758
2000	303786	114977.407	107826.355	7151.052	2.354	6.220	4041.13	1529.49	1434.36	95.127
2001	296294	113047.319	105074.926	7972.392	2.691	7.052	3890.54	1484.39	1379.70	104.683
2002	291898	111744.742	102783.842	8960.900	3.070	8.019	3789.34	1450.64	1334.31	116.328
2003	285865	110551.854	100496.372	10055.48	3.518	9.096	3671.31	1419.80	1290.66	129.141
2004	274177	107418.262	96736.004	10682.26	3.896	9.945	3481.92	1364.16	1228.50	135.660
2005	272379	107678.770	96035.088	11643.68	4.275	10.813	3417.44	1351.01	1204.92	146.089
2006	264118	104357.806	92024.277	12333.53	4.670	11.819	3281.83	1296.71	1143.46	153.252
2007	258419	102690.449	89727.948	12962.50	5.016	12.623	3176.05	1262.10	1102.79	159.313
2008	259461	103492.166	89345.506	14146.66	5.452	13.669	3150.91	1256.82	1085.02	171.798
2009	253907	101384.044	86444.779	14939.26	5.884	14.735	3045.20	1215.94	1036.77	179.172

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2138623.902	134619.8	2.315	5.922	3927.78	1535.76	1444.81	90.946

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Main Results for E-Component Summarized over Simulations for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63040.201	28.585	0.036	0.045	1213.84	975.702	975.260	0.442
1992	77987	62535.347	62451.647	83.700	0.107	0.134	1185.97	950.993	949.720	1.273
1993	78542	62883.111	62713.226	169.885	0.216	0.270	1173.36	939.428	936.890	2.538
1994	77437	61805.804	61535.148	270.656	0.350	0.438	1135.48	906.276	902.308	3.969
1995	76904	61145.799	60746.618	399.181	0.519	0.653	1106.18	879.519	873.777	5.742
1996	76232	60385.323	59860.803	524.519	0.688	0.869	1079.72	855.277	847.848	7.429
1997	75473	59549.806	58896.328	653.478	0.866	1.097	1051.87	829.947	820.840	9.108
1998	75381	59292.315	58418.942	873.373	1.159	1.473	1033.62	813.010	801.034	11.976
1999	73159	57398.351	56346.043	1052.308	1.438	1.833	987.557	774.807	760.602	14.205
2000	73784	57716.549	56423.539	1293.010	1.752	2.240	981.515	767.777	750.576	17.200
2001	73294	57211.877	55717.059	1494.818	2.039	2.613	962.399	751.230	731.602	19.628
2002	72442	56438.810	54722.617	1716.193	2.369	3.041	940.422	732.673	710.394	22.279
2003	71942	55948.341	53965.551	1982.790	2.756	3.544	923.937	718.533	693.069	25.465
2004	71301	55339.218	53118.921	2220.298	3.114	4.012	905.490	702.783	674.586	28.197
2005	70964	54964.459	52527.478	2436.981	3.434	4.434	890.360	689.620	659.044	30.576
2006	69658	53781.526	51145.967	2635.559	3.784	4.900	865.543	668.268	635.520	32.748
2007	68565	52784.985	49944.828	2840.157	4.142	5.381	842.687	648.745	613.838	34.906
2008	68226	52470.692	49278.482	3192.211	4.679	6.084	828.542	637.208	598.442	38.766
2009	67509	51823.021	48335.846	3487.175	5.165	6.729	809.661	621.533	579.710	41.823

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1132633.650	27354.88	1.853	2.358	997.213	783.665	765.185	18.480

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Main Results for E-Component Summarized over Simulations for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	36947.069	120.315	0.072	0.325	2599.72	573.449	571.588	1.861
1992	164548	35863.851	35518.855	344.996	0.210	0.962	2502.33	545.392	540.146	5.246
1993	164362	35459.800	34755.255	704.546	0.429	1.987	2455.45	529.744	519.218	10.525
1994	159866	34293.631	33221.908	1071.724	0.670	3.125	2344.16	502.857	487.142	15.715
1995	158083	33531.695	31983.512	1548.182	0.979	4.617	2273.86	482.318	460.049	22.269
1996	154875	32438.163	30453.920	1984.243	1.281	6.117	2193.60	459.443	431.339	28.104
1997	149970	31179.663	28752.490	2427.173	1.618	7.784	2090.14	434.552	400.724	33.828
1998	145407	29860.736	26981.930	2878.807	1.980	9.641	1993.81	409.447	369.973	39.474
1999	165952	34413.904	30402.197	4011.708	2.417	11.657	2240.15	464.545	410.392	54.153
2000	160260	33265.290	28799.718	4465.572	2.786	13.424	2131.87	442.513	383.109	59.403
2001	154444	32074.102	27153.926	4920.176	3.186	15.340	2027.95	421.154	356.549	64.605
2002	151887	31817.956	26332.320	5485.636	3.612	17.241	1971.76	413.052	341.839	71.213
2003	146733	31025.931	24961.622	6064.310	4.133	19.546	1884.46	398.460	320.577	77.883
2004	138381	29503.602	23168.055	6335.547	4.578	21.474	1757.38	374.682	294.224	80.459
2005	135881	29077.894	22240.155	6837.739	5.032	23.515	1704.85	364.830	279.039	85.791
2006	131922	28385.448	21142.229	7243.219	5.491	25.517	1639.21	352.707	262.705	90.001
2007	126502	27327.625	19870.963	7456.662	5.895	27.286	1554.75	335.866	244.221	91.645
2008	125859	27025.472	19111.774	7913.698	6.288	29.282	1528.44	328.199	232.095	96.105
2009	122428	26361.626	18132.068	8229.558	6.722	31.218	1468.33	316.165	217.465	98.700

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	558312.864	80043.81	2.671	12.539	2024.64	431.261	377.185	54.076

****

Main Results for E-Component Summarized over Simulations for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 5 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4472.373	15.609	0.048	0.348	504.630	69.431	69.190	0.241
1992	32100	4371.196	4323.844	47.352	0.148	1.083	488.154	66.474	65.754	0.720
1993	32896	4414.136	4310.221	103.915	0.316	2.354	491.442	65.944	64.392	1.552
1994	33323	4474.895	4307.258	167.637	0.503	3.746	488.625	65.617	63.159	2.458
1995	33569	4476.290	4228.076	248.215	0.739	5.545	482.855	64.387	60.816	3.570
1996	33870	4489.078	4164.365	324.713	0.959	7.233	479.723	63.582	58.983	4.599
1997	33516	4444.866	4034.487	410.380	1.224	9.233	467.113	61.948	56.229	5.719
1998	32795	4313.427	3838.553	474.874	1.448	11.009	449.682	59.145	52.634	6.511
1999	33375	4232.739	3676.140	556.599	1.668	13.150	450.521	57.137	49.623	7.513
2000	33459	4307.577	3678.762	628.816	1.879	14.598	445.090	57.302	48.937	8.365
2001	32275	4136.308	3463.017	673.292	2.086	16.278	423.792	54.312	45.472	8.841
2002	31586	4079.175	3339.282	739.893	2.342	18.138	410.041	52.955	43.350	9.605
2003	30985	4096.221	3249.431	846.790	2.733	20.672	397.934	52.607	41.732	10.875
2004	29884	4034.217	3133.827	900.390	3.013	22.319	379.513	51.233	39.798	11.435
2005	28708	3944.303	2979.282	965.020	3.362	24.466	360.189	49.488	37.380	12.108
2006	28188	3970.169	2918.419	1051.750	3.731	26.491	350.253	49.332	36.263	13.069
2007	28026	3957.558	2842.540	1115.017	3.979	28.174	344.449	48.640	34.936	13.704
2008	27128	3812.302	2675.358	1136.943	4.191	29.823	329.444	46.297	32.490	13.807
2009	27068	3827.467	2604.598	1222.869	4.518	31.950	324.637	45.904	31.238	14.666

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	72827.430	11630.07	1.851	13.770	424.421	57.058	49.201	7.857

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Main Results for E-Component Summarized over Simulations for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19494.018	14.413	0.042	0.074	527.418	301.804	301.581	0.223
1992	33942	19373.324	19330.296	43.028	0.127	0.222	516.166	294.616	293.961	0.654
1993	35913	20512.169	20424.536	87.633	0.244	0.427	536.514	306.437	305.128	1.309
1994	35074	19906.392	19762.429	143.964	0.410	0.723	514.300	291.893	289.782	2.111
1995	34669	19512.784	19299.621	213.163	0.615	1.092	498.677	280.671	277.605	3.066
1996	34582	19294.631	19019.331	275.299	0.796	1.427	489.808	273.283	269.383	3.899
1997	35267	19490.717	19140.930	349.786	0.992	1.795	491.517	271.643	266.768	4.875
1998	35675	19571.902	19082.151	489.751	1.373	2.502	489.172	268.368	261.652	6.715
1999	38516	21022.469	20364.125	658.343	1.709	3.132	519.919	283.777	274.891	8.887
2000	36283	19687.992	18924.337	763.655	2.105	3.879	482.656	261.900	251.742	10.159
2001	36281	19625.032	18740.925	884.107	2.437	4.505	476.394	257.690	246.081	11.609
2002	35983	19408.801	18389.622	1019.178	2.832	5.251	467.122	251.960	238.729	13.231
2003	36205	19481.360	18319.768	1161.592	3.208	5.963	464.974	250.195	235.277	14.918
2004	34611	18541.224	17315.201	1226.024	3.542	6.612	439.544	235.465	219.895	15.570
2005	36826	19692.114	18288.174	1403.940	3.812	7.129	462.043	247.070	229.455	17.615
2006	34350	18220.663	16817.662	1403.001	4.084	7.700	426.820	226.403	208.970	17.433
2007	35326	18620.282	17069.616	1550.665	4.390	8.328	434.168	228.849	209.791	19.058
2008	38248	20183.701	18279.892	1903.809	4.978	9.432	464.487	245.112	221.992	23.120
2009	36902	19371.930	17372.267	1999.663	5.419	10.322	442.580	232.335	208.352	23.983

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	374849.958	15591.02	2.187	3.993	481.512	263.774	253.241	10.533

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA3
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 6, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 6, Scenario: STP_MRTP

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA3

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.002000	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.003000	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.004500	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.001500	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.002000	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.003000	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.004500	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.004000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.004000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.004000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.004000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.004000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.004000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.004000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.004000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.004000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.004000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.004000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.004000	0.004000

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 6, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 6, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	1654.00	18.22	116.00	5.25			
5	All Ages	Current MRTP	494.00	5.44					
5	All Ages	Current Dual	62.00	0.68					
5	All Ages	Former	1984.00	21.85			14.79	108.00	5.44

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	6.00	2.01					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			2.00	0.00	0.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	211.00	25.00	3.00	1.13			
5	20-24	Current MRTP	41.00	4.86					
5	20-24	Current Dual	14.00	1.66					
5	20-24	Former	20.00	2.37			3.60	5.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	173.00	20.82	8.00	3.39			
5	25-29	Current MRTP	54.00	6.50					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	132.00	15.88			5.52	12.00	9.09
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	226.00	22.62	13.00	4.42			
5	30-34	Current MRTP	61.00	6.11					
5	30-34	Current Dual	7.00	0.70					
5	30-34	Former	183.00	18.32			7.70	14.00	7.65
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	236.00	21.03	7.00	2.20			
5	35-39	Current MRTP	79.00	7.04					
5	35-39	Current Dual	3.00	0.27					
5	35-39	Former	243.00	21.66			8.39	13.00	5.35
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	160.00	16.49	8.00	3.65			
5	40-44	Current MRTP	58.00	5.98					
5	40-44	Current Dual	1.00	0.10					
5	40-44	Former	254.00	26.19			11.52	13.00	5.12
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	140.00	17.26	12.00	6.06			
5	45-49	Current MRTP	53.00	6.54					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	191.00	23.55			11.90	8.00	4.19
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	124.00	19.97	9.00	5.70			
5	50-54	Current MRTP	32.00	5.15					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	162.00	26.09			15.59	13.00	8.02
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	98.00	18.32	9.00	6.72			
5	55-59	Current MRTP	34.00	6.36					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	149.00	27.85			15.60	5.00	3.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	68.00	13.93	7.00	7.53			
5	60-64	Current MRTP	24.00	4.92					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	145.00	29.71			19.52	8.00	5.52
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	84.00	15.67	15.00	13.76			
5	65-69	Current MRTP	20.00	3.73					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	167.00	31.16			20.50	8.00	4.79
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

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					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	65.00	12.06	12.00	14.46			
5	70-74	Current MRTP	17.00	3.15					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	176.00	32.65			24.63	5.00	2.84

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	39.00	8.02	13.00	22.41			
5	75-79	Current MRTP	15.00	3.09					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	161.00	33.13			27.66	4.00	2.48

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1233.00	13.54	186.00	8.42			
10	All Ages	Current MRTP	870.00	9.55					
10	All Ages	Current Dual	106.00	1.16					
10	All Ages	Former	2002.00	21.98			16.24	124.00	6.19

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	119.00	14.64	1.00	0.53			
10	20-24	Current MRTP	44.00	5.41					
10	20-24	Current Dual	24.00	2.95					
10	20-24	Former	25.00	3.08			1.96	11.00	44.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	171.00	20.26	5.00	1.81			
10	25-29	Current MRTP	85.00	10.07					
10	25-29	Current Dual	21.00	2.49					
10	25-29	Former	44.00	5.21			4.98	11.00	25.00

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	130.00	15.64	13.00	5.51			
10	30-34	Current MRTP	91.00	10.95					
10	30-34	Current Dual	15.00	1.81					
10	30-34	Former	154.00	18.53			8.92	10.00	6.49

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	161.00	16.12	23.00	8.01			
10	35-39	Current MRTP	113.00	11.31					
10	35-39	Current Dual	13.00	1.30					
10	35-39	Former	202.00	20.22			10.89	17.00	8.42

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	158.00	14.08	19.00	6.46			
10	40-44	Current MRTP	130.00	11.59					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	267.00	23.80			11.75	13.00	4.87

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	107.00	11.03	22.00	10.53			
10	45-49	Current MRTP	97.00	10.00					
10	45-49	Current Dual	5.00	0.52					
10	45-49	Former	264.00	27.22			15.39	8.00	3.03

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	101.00	12.45	21.00	11.23			
10	50-54	Current MRTP	82.00	10.11					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	202.00	24.91			15.13	13.00	6.44
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	86.00	13.85	13.00	8.72			
10	55-59	Current MRTP	59.00	9.50					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	171.00	27.54			18.76	6.00	3.51
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	61.00	11.40	13.00	10.83			
10	60-64	Current MRTP	58.00	10.84					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	163.00	30.47			18.30	4.00	2.45
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	45.00	9.22	12.00	13.95			
10	65-69	Current MRTP	34.00	6.97					
10	65-69	Current Dual	7.00	1.43					
10	65-69	Former	152.00	31.15			22.30	8.00	5.26
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	50.00	9.33	18.00	18.75			
10	70-74	Current MRTP	41.00	7.65					
10	70-74	Current Dual	5.00	0.93					
10	70-74	Former	180.00	33.58			22.81	10.00	5.56
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	44.00	8.16	26.00	32.10			
10	75-79	Current MRTP	36.00	6.68					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	178.00	33.02			26.54	13.00	7.30
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	851.00	9.93	230.00	11.22			
15	All Ages	Current MRTP	1082.00	12.63					
15	All Ages	Current Dual	116.00	1.35					
15	All Ages	Former	1998.00	23.31			17.61	112.00	5.61
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	110.00	13.53	1.00	0.46			
15	25-29	Current MRTP	79.00	9.72					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	49.00	6.03			4.45	11.00	22.45
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

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15	30-34	Current CC	130.00	15.40	10.00	3.46			
15	30-34	Current MRTP	138.00	16.35					
15	30-34	Current Dual	21.00	2.49					
15	30-34	Former	65.00	7.70			7.18	9.00	13.85
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	91.00	10.95	16.00	7.27			
15	35-39	Current MRTP	116.00	13.96					
15	35-39	Current Dual	13.00	1.56					
15	35-39	Former	177.00	21.30			11.80	10.00	5.65
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	108.00	10.81	32.00	12.31			
15	40-44	Current MRTP	139.00	13.91					
15	40-44	Current Dual	13.00	1.30					
15	40-44	Former	229.00	22.92			13.48	19.00	8.30
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	108.00	9.63	27.00	9.82			
15	45-49	Current MRTP	160.00	14.26					
15	45-49	Current Dual	7.00	0.62					
15	45-49	Former	286.00	25.49			15.12	11.00	3.85
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	71.00	7.32	27.00	14.21			
15	50-54	Current MRTP	111.00	11.44					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	283.00	29.18			18.37	8.00	2.83
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	71.00	8.75	26.00	15.03			
15	55-59	Current MRTP	98.00	12.08					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	216.00	26.63			18.06	14.00	6.48
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	54.00	8.70	20.00	14.81			
15	60-64	Current MRTP	77.00	12.40					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	185.00	29.79			21.07	8.00	4.32
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	46.00	8.60	22.00	19.30			
15	65-69	Current MRTP	66.00	12.34					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	169.00	31.59			21.44	9.00	5.33
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	27.00	5.53	20.00	25.32			
15	70-74	Current MRTP	44.00	9.02					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	159.00	32.58			23.63	9.00	5.66
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	35.00	6.53	29.00	30.21			
15	75-79	Current MRTP	54.00	10.07					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	180.00	33.58			25.71	4.00	2.22
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	588.00	7.32	245.00	13.52			

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20	All Ages	Current MRTP	1127.00	14.03					
20	All Ages	Current Dual	97.00	1.21					
20	All Ages	Former	1996.00	24.84			18.98	125.00	6.26

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	89.00	10.95	3.00	1.34			
20	30-34	Current MRTP	110.00	13.53					
20	30-34	Current Dual	25.00	3.08					
20	30-34	Former	68.00	8.36			7.13	7.00	10.29

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	85.00	10.07	8.00	3.02			
20	35-39	Current MRTP	161.00	19.08					
20	35-39	Current Dual	19.00	2.25					
20	35-39	Former	101.00	11.97			8.26	16.00	15.84

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	63.00	7.58	22.00	10.78			
20	40-44	Current MRTP	131.00	15.76					
20	40-44	Current Dual	10.00	1.20					
20	40-44	Former	193.00	23.23			15.04	8.00	4.15

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	86.00	8.61	36.00	14.69			
20	45-49	Current MRTP	147.00	14.71					
20	45-49	Current Dual	12.00	1.20					
20	45-49	Former	244.00	24.42			16.49	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	82.00	7.31	35.00	14.40			
20	50-54	Current MRTP	156.00	13.90					
20	50-54	Current Dual	5.00	0.45					
20	50-54	Former	318.00	28.34			17.50	19.00	5.97

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	43.00	4.43	29.00	17.47			
20	55-59	Current MRTP	115.00	11.86					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.70	17.00	5.54

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	49.00	6.04	35.00	22.15			
20	60-64	Current MRTP	104.00	12.82					

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	5.00	0.62					
20	60-64	Former	231.00	28.48			20.36	14.00	6.06

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	39.00	6.28	25.00	18.80			
20	65-69	Current MRTP	90.00	14.49					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	187.00	30.11			24.45	7.00	3.74

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	30.00	5.61	24.00	23.53			
20	70-74	Current MRTP	68.00	12.71					
20	70-74	Current Dual	4.00	0.75					
20	70-74	Former	181.00	33.83			23.86	13.00	7.18

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	22.00	4.51	28.00	38.89			
20	75-79	Current MRTP	45.00	9.22					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	166.00	34.02			24.82	12.00	7.23

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Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59056.063	71.799	0.036	0.121	2826.86	839.248	838.229	1.019
1992	198532	60226.142	60029.602	196.540	0.099	0.326	2778.64	842.922	840.171	2.751
1993	202512	62332.320	61897.597	434.722	0.215	0.697	2793.47	859.818	853.821	5.997
1994	200658	62691.239	62037.051	654.188	0.326	1.044	2725.82	851.622	842.735	8.887
1995	201023	63132.954	62165.912	967.043	0.481	1.532	2687.54	844.043	831.115	12.929
1996	201180	64309.880	63061.784	1248.097	0.620	1.941	2653.67	848.280	831.817	16.463
1997	198639	64547.894	62974.242	1573.652	0.792	2.438	2583.39	839.475	819.009	20.466
1998	197573	65384.866	63396.014	1988.852	1.007	3.042	2533.29	838.367	812.866	25.501
1999	211329	67554.762	64829.325	2725.437	1.290	4.034	2673.14	854.513	820.039	34.475
2000	208496	68184.366	64900.638	3283.729	1.575	4.816	2604.20	851.652	810.637	41.015
2001	203606	68286.060	64316.411	3969.649	1.950	5.813	2514.65	843.372	794.345	49.027
2002	200828	68983.996	64418.562	4565.434	2.273	6.618	2455.47	843.450	787.630	55.820
2003	196352	68717.830	63511.640	5206.190	2.651	7.576	2377.49	832.057	769.019	63.038
2004	188160	67344.952	61397.016	5947.936	3.161	8.832	2254.66	806.974	735.701	71.272
2005	186416	67846.650	61200.036	6646.614	3.565	9.797	2208.07	803.634	724.906	78.728
2006	180088	66622.465	59219.115	7403.350	4.111	11.112	2113.55	781.893	695.006	86.887
2007	175644	65977.201	58024.496	7952.705	4.528	12.054	2039.92	766.256	673.894	92.362
2008	177570	67121.344	58425.281	8696.063	4.897	12.956	2039.03	770.751	670.894	99.856
2009	172806	66622.993	57182.314	9440.679	5.463	14.170	1961.22	756.123	648.978	107.145

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1229343.688	72972.68	1.871	5.603	2465.77	823.300	777.168	46.132

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Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31512.043	17.976	0.041	0.057	620.154	447.530	447.275	0.255
1992	45423	32811.446	32766.042	45.405	0.100	0.138	635.738	459.227	458.592	0.635
1993	46291	33467.735	33367.447	100.289	0.217	0.300	638.542	461.657	460.274	1.383
1994	47017	33989.389	33845.676	143.712	0.306	0.423	638.697	461.725	459.773	1.952
1995	47840	34566.580	34339.241	227.339	0.475	0.658	639.587	462.131	459.092	3.039
1996	48244	34997.958	34711.933	286.024	0.593	0.817	636.363	461.641	457.868	3.773
1997	49035	35549.658	35170.336	379.322	0.774	1.067	637.723	462.340	457.406	4.933
1998	49686	36138.033	35642.259	495.774	0.998	1.372	637.076	463.363	457.006	6.357
1999	48883	35506.142	34871.293	634.849	1.299	1.788	618.331	449.124	441.094	8.030
2000	50331	36573.306	35754.723	818.583	1.626	2.238	628.656	456.816	446.592	10.224
2001	50389	36733.445	35706.091	1027.354	2.039	2.797	622.333	453.679	440.991	12.688
2002	51445	37627.700	36392.210	1235.490	2.402	3.283	629.005	460.065	444.959	15.106
2003	51408	37552.784	36099.281	1453.503	2.827	3.871	622.464	454.701	437.102	17.599
2004	51399	37527.823	35782.082	1745.741	3.396	4.652	615.898	449.684	428.766	20.919
2005	51421	37486.186	35502.153	1984.033	3.858	5.293	609.074	444.018	420.518	23.501
2006	51355	37409.496	35081.023	2328.473	4.534	6.224	602.712	439.045	411.717	27.327
2007	51839	37602.867	34988.611	2614.257	5.043	6.952	602.056	436.718	406.356	30.362
2008	50976	36986.957	34191.804	2795.152	5.483	7.557	585.355	424.719	392.623	32.097
2009	51193	37201.944	34023.721	3178.223	6.208	8.543	581.003	422.215	386.145	36.071

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	690393.341	21511.50	2.194	3.022	619.890	450.053	436.454	13.599

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Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12632.803	30.177	0.031	0.238	1368.32	179.735	179.307	0.428
1992	93721	12337.995	12246.301	91.695	0.098	0.743	1311.71	172.682	171.399	1.283
1993	93679	12401.934	12200.312	201.622	0.215	1.626	1292.22	171.073	168.292	2.781
1994	90832	12128.576	11809.345	319.230	0.351	2.632	1233.90	164.759	160.423	4.337
1995	89698	11958.696	11506.970	451.726	0.504	3.777	1199.20	159.879	153.840	6.039
1996	88286	12020.749	11418.988	601.761	0.682	5.006	1164.54	158.560	150.622	7.938
1997	84777	11593.724	10857.879	735.845	0.868	6.347	1102.56	150.782	141.212	9.570
1998	82517	11337.035	10434.674	902.361	1.094	7.959	1058.04	145.364	133.794	11.570
1999	93939	13027.458	11716.564	1310.893	1.395	10.063	1188.25	164.787	148.205	16.582
2000	90039	12607.547	11112.649	1494.898	1.660	11.857	1124.63	157.474	138.802	18.672
2001	86119	12350.451	10580.876	1769.574	2.055	14.328	1063.62	152.535	130.680	21.855
2002	83014	12112.097	10133.207	1978.889	2.384	16.338	1014.99	148.092	123.896	24.195
2003	79302	11683.252	9510.299	2172.953	2.740	18.599	960.214	141.465	115.154	26.311
2004	73861	11139.095	8735.562	2403.533	3.254	21.577	885.053	133.476	104.676	28.801
2005	71649	10884.683	8297.577	2587.106	3.611	23.768	848.672	128.927	98.284	30.644
2006	67551	10397.565	7631.852	2765.712	4.094	26.600	792.791	122.028	89.569	32.459
2007	63503	9785.831	6948.749	2837.082	4.468	28.992	737.521	113.652	80.702	32.950
2008	63171	9922.524	6882.614	3039.911	4.812	30.636	725.389	113.940	79.033	34.907
2009	59747	9483.598	6350.932	3132.665	5.243	33.032	678.085	107.632	72.078	35.553

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	203654.915	28827.63	1.746	12.400	1043.56	146.971	128.747	18.224

****

Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 6 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3105.284	10.732	0.033	0.344	461.369	44.228	44.076	0.152
1992	32560	3095.448	3064.624	30.824	0.095	0.996	455.708	43.324	42.892	0.431
1993	32768	3114.516	3049.677	64.839	0.198	2.082	452.005	42.962	42.068	0.894
1994	33005	3168.398	3062.140	106.259	0.322	3.354	448.353	43.041	41.597	1.443
1995	33730	3200.274	3048.608	151.666	0.450	4.739	450.946	42.785	40.758	2.028
1996	33750	3234.738	3034.190	200.549	0.594	6.200	445.180	42.668	40.023	2.645
1997	33699	3240.665	2996.735	243.930	0.724	7.527	438.271	42.146	38.974	3.172
1998	33274	3171.578	2871.305	300.273	0.902	9.468	426.640	40.666	36.816	3.850
1999	33891	3153.786	2778.692	375.094	1.107	11.893	428.694	39.893	35.148	4.745
2000	33827	3237.043	2778.667	458.376	1.355	14.160	422.514	40.432	34.707	5.725
2001	32506	3110.972	2592.997	517.975	1.593	16.650	401.468	38.422	32.025	6.397
2002	32078	3123.298	2540.711	582.587	1.816	18.653	392.210	38.188	31.065	7.123
2003	30568	3025.984	2391.683	634.301	2.075	20.962	370.127	36.640	28.959	7.680
2004	29388	2983.453	2267.889	715.564	2.435	23.984	352.147	35.750	27.175	8.574
2005	27954	2926.679	2160.833	765.846	2.740	26.168	331.111	34.666	25.595	9.071
2006	27201	2889.308	2063.662	825.646	3.035	28.576	319.236	33.909	24.220	9.690
2007	26302	2810.025	1942.702	867.323	3.298	30.865	305.470	32.636	22.562	10.073
2008	25998	2773.025	1872.902	900.122	3.462	32.460	298.534	31.843	21.506	10.336
2009	25040	2723.293	1779.751	943.542	3.768	34.647	284.186	30.907	20.199	10.709

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	52596.295	8695.448	1.395	14.187	394.195	38.747	33.250	5.497

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Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11805.933	12.914	0.049	0.109	377.015	167.754	167.571	0.183
1992	26828	11981.252	11952.635	28.617	0.107	0.239	375.483	167.689	167.289	0.401
1993	29774	13348.134	13280.162	67.972	0.228	0.509	410.705	184.125	183.188	0.938
1994	29804	13404.876	13319.890	84.986	0.285	0.634	404.869	182.097	180.943	1.154
1995	29755	13407.404	13271.093	136.311	0.458	1.017	397.803	179.248	177.425	1.822
1996	30900	14056.435	13896.672	159.763	0.517	1.137	407.587	185.412	183.304	2.107
1997	31128	14163.848	13949.293	214.555	0.689	1.515	404.834	184.207	181.417	2.790
1998	32096	14738.220	14447.777	290.443	0.905	1.971	411.536	188.974	185.250	3.724
1999	34616	15867.376	15462.775	404.601	1.169	2.550	437.865	200.710	195.592	5.118
2000	34299	15766.470	15254.599	511.871	1.492	3.247	428.409	196.930	190.536	6.393
2001	34592	16091.193	15436.447	654.746	1.893	4.069	427.231	198.736	190.649	8.086
2002	34291	16120.902	15352.433	768.468	2.241	4.767	419.268	197.106	187.710	9.396
2003	35074	16455.810	15510.377	945.434	2.696	5.745	424.687	199.252	187.805	11.448
2004	33512	15694.580	14611.483	1083.097	3.232	6.901	401.564	188.063	175.085	12.978
2005	35392	16549.102	15239.474	1309.628	3.700	7.914	419.213	196.022	180.509	15.512
2006	33981	15926.096	14442.578	1483.518	4.366	9.315	398.807	186.912	169.501	17.411
2007	34000	15778.477	14144.434	1634.044	4.806	10.356	394.875	183.251	164.273	18.978
2008	37425	17438.838	15477.961	1960.877	5.239	11.244	429.749	200.249	177.733	22.517
2009	36826	17214.158	15027.909	2186.248	5.937	12.700	417.948	195.368	170.556	24.812

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	282699.137	13938.10	2.159	4.699	408.132	187.528	178.717	8.811

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA4
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 7, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 7, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Assumption Set	SET4SA4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000015	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000020	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000030	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000015	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000020	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000030	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000200	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000200	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 7, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 7, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2467.00	26.88	145.00	5.41			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	82.00	0.89					
5	All Ages	Former	2596.00	28.29			15.51	150.00	5.78

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	4.00	1.30			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	115.00	12.00			4.89	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	353.00	32.87	9.00	2.39			
5	30-34	Current MRTP	16.00	1.49					
5	30-34	Current Dual	7.00	0.65					
5	30-34	Former	204.00	18.99			6.34	25.00	12.25
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	337.00	31.12	14.00	3.98			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	253.00	23.36			7.77	21.00	8.30
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	298.00	34.69			13.82	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	195.00	30.95	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	232.00	36.83			17.56	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	69.00	19.22	15.00	18.99			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	212.00	59.05			24.00	9.00	4.25

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2273.00	24.25	244.00	9.02			
10	All Ages	Current MRTP	270.00	2.88					
10	All Ages	Current Dual	163.00	1.74					
10	All Ages	Former	2596.00	27.69			17.22	163.00	6.28

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	42.00	4.69					
10	20-24	Former	22.00	2.46			1.91	10.00	45.45

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	5.00	1.67			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	62.00	6.78			4.73	19.00	30.65

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	11.00	3.48			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	24.00	2.51					
10	30-34	Former	143.00	14.93			7.98	13.00	9.09

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	320.00	29.80	20.00	5.54			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	11.00	1.02					
10	35-39	Former	225.00	20.95			10.03	14.00	6.22

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	288.00	26.59	27.00	8.49			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	7.00	0.65					
10	40-44	Former	287.00	26.50			10.94	20.00	6.97

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	257.00	26.41	22.00	7.89			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	288.00	29.60			15.77	13.00	4.51

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	209.00	24.33	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	310.00	36.09			17.15	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	163.00	25.87	27.00	14.29			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	4.00	0.63					
10	55-59	Former	249.00	39.52			20.22	9.00	3.61
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	19.00	14.29			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	103.00	20.60	31.00	25.62			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	259.00	51.80			24.39	17.00	6.56
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1998.00	22.38	309.00	12.15			
15	All Ages	Current MRTP	363.00	4.07					
15	All Ages	Current Dual	183.00	2.05					
15	All Ages	Former	2515.00	28.17			18.77	135.00	5.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	59.00	6.58					
15	25-29	Current Dual	51.00	5.69					
15	25-29	Former	46.00	5.13			4.24	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	220.00	24.04	11.00	3.67			
15	30-34	Current MRTP	42.00	4.59					
15	30-34	Current Dual	38.00	4.15					
15	30-34	Former	90.00	9.84			6.67	16.00	17.78
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	228.00	23.80	22.00	7.24			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	29.00	3.03					
15	35-39	Former	164.00	17.12			10.83	14.00	8.54
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	277.00	25.79	26.00	8.00			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	12.00	1.12					
15	40-44	Former	261.00	24.30			12.66	16.00	6.13
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	260.00	24.01	41.00	13.44			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	9.00	0.83					
15	45-49	Former	300.00	27.70			14.76	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	217.00	22.30	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	6.00	0.62					
15	50-54	Former	317.00	32.58			18.44	12.00	3.79
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	31.00	3.61					
15	55-59	Current Dual	11.00	1.28					
15	55-59	Former	327.00	38.07			20.21	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	34.00	18.78			
15	60-64	Current MRTP	29.00	4.60					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	257.00	40.79			22.79	12.00	4.67
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	111.00	21.18	31.00	23.48			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	237.00	45.23			22.67	8.00	3.38
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	88.00	17.09	36.00	29.75			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	253.00	49.13			25.00	8.00	3.16
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	91.00	18.20	41.00	35.04			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	263.00	52.60			26.23	11.00	4.18
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1656.00	19.65	350.00	15.47			

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	408.00	4.84					
20	All Ages	Current Dual	198.00	2.35					
20	All Ages	Former	2445.00	29.01			19.77	145.00	5.93
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	163.00	18.19	6.00	2.22			
20	30-34	Current MRTP	60.00	6.70					
20	30-34	Current Dual	47.00	5.25					
20	30-34	Former	79.00	8.82			6.14	15.00	18.99
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	191.00	20.87	13.00	4.61			
20	35-39	Current MRTP	53.00	5.79					
20	35-39	Current Dual	38.00	4.15					
20	35-39	Former	118.00	12.90			8.70	16.00	13.56
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	203.00	21.19	26.00	9.09			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	32.00	3.34					
20	40-44	Former	182.00	19.00			13.78	9.00	4.95
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	251.00	23.37	32.00	10.67			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	286.00	26.63			15.51	18.00	6.29
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	220.00	20.31	50.00	17.99			
20	50-54	Current MRTP	48.00	4.43					
20	50-54	Current Dual	10.00	0.92					
20	50-54	Former	327.00	30.19			17.43	13.00	3.98
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	35.00	15.22			
20	55-59	Current MRTP	34.00	3.49					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	337.00	34.64			21.13	13.00	3.86
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	49.00	23.00			
20	60-64	Current MRTP	36.00	4.19					

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	16.00	1.86					
20	60-64	Former	338.00	39.35			22.59	16.00	4.73

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	118.00	18.73	42.00	26.25			
20	65-69	Current MRTP	36.00	5.71					
20	65-69	Current Dual	6.00	0.95					
20	65-69	Former	278.00	44.13			23.87	17.00	6.12

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	46.00	35.66			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.32	13.00	5.42

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	69.00	13.40	51.00	44.74			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	16.00	3.11					
20	75-79	Former	260.00	50.49			25.77	15.00	5.77

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Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124097.444	35.139	0.011	0.028	4845.61	1920.39	1919.84	0.544
1992	308577	122143.718	121997.512	146.206	0.047	0.120	4692.62	1857.47	1855.25	2.223
1993	311713	123269.216	122934.157	335.059	0.107	0.272	4656.77	1841.55	1836.55	5.006
1994	305700	120480.723	119981.522	499.201	0.163	0.414	4482.57	1766.64	1759.32	7.320
1995	303225	118666.569	117932.610	733.959	0.242	0.619	4361.58	1706.89	1696.34	10.557
1996	299559	116607.195	115666.801	940.394	0.314	0.806	4242.85	1651.58	1638.26	13.319
1997	294226	114665.051	113560.497	1104.554	0.375	0.963	4100.64	1598.09	1582.70	15.394
1998	289258	113038.380	111700.695	1337.685	0.462	1.183	3966.28	1549.97	1531.63	18.342
1999	311002	117067.463	115271.342	1796.121	0.578	1.534	4198.14	1580.27	1556.02	24.245
2000	303786	114977.407	112974.234	2003.174	0.659	1.742	4041.13	1529.49	1502.84	26.647
2001	296294	113047.319	110866.721	2180.598	0.736	1.929	3890.54	1484.39	1455.75	28.633
2002	291898	111744.742	109353.550	2391.192	0.819	2.140	3789.34	1450.64	1419.60	31.042
2003	285865	110551.854	107934.623	2617.230	0.916	2.367	3671.31	1419.80	1386.18	33.613
2004	274177	107418.262	104759.386	2658.875	0.970	2.475	3481.92	1364.16	1330.40	33.767
2005	272379	107678.770	104836.862	2841.908	1.043	2.639	3417.44	1351.01	1315.35	35.656
2006	264118	104357.806	101441.236	2916.571	1.104	2.795	3281.83	1296.71	1260.47	36.240
2007	258419	102690.449	99634.002	3056.447	1.183	2.976	3176.05	1262.10	1224.53	37.565
2008	259461	103492.166	100034.068	3458.099	1.333	3.341	3150.91	1256.82	1214.82	41.995
2009	253907	101384.044	97652.916	3731.127	1.469	3.680	3045.20	1215.94	1171.19	44.749

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238460.140	34783.54	0.598	1.530	3927.78	1535.76	1512.26	23.499

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Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.838	8.948	0.011	0.014	1213.84	975.702	975.564	0.138
1992	77987	62535.347	62505.058	30.289	0.039	0.048	1185.97	950.993	950.533	0.461
1993	78542	62883.111	62818.402	64.709	0.082	0.103	1173.36	939.428	938.461	0.967
1994	77437	61805.804	61705.827	99.977	0.129	0.162	1135.48	906.276	904.810	1.466
1995	76904	61145.799	60996.114	149.685	0.195	0.245	1106.18	879.519	877.366	2.153
1996	76232	60385.323	60195.669	189.653	0.249	0.314	1079.72	855.277	852.591	2.686
1997	75473	59549.806	59338.997	210.808	0.279	0.354	1051.87	829.947	827.009	2.938
1998	75381	59292.315	59000.085	292.230	0.388	0.493	1033.62	813.010	809.003	4.007
1999	73159	57398.351	57038.312	360.040	0.492	0.627	987.557	774.807	769.947	4.860
2000	73784	57716.549	57275.517	441.032	0.598	0.764	981.515	767.777	761.910	5.867
2001	73294	57211.877	56717.117	494.760	0.675	0.865	962.399	751.230	744.733	6.497
2002	72442	56438.810	55893.255	545.555	0.753	0.967	940.422	732.673	725.591	7.082
2003	71942	55948.341	55373.406	574.936	0.799	1.028	923.937	718.533	711.150	7.384
2004	71301	55339.218	54737.318	601.900	0.844	1.088	905.490	702.783	695.139	7.644
2005	70964	54964.459	54339.590	624.869	0.881	1.137	890.360	689.620	681.780	7.840
2006	69658	53781.526	53150.319	631.207	0.906	1.174	865.543	668.268	660.425	7.843
2007	68565	52784.985	52130.523	654.462	0.955	1.240	842.687	648.745	640.701	8.044
2008	68226	52470.692	51706.544	764.148	1.120	1.456	828.542	637.208	627.928	9.280
2009	67509	51823.021	50988.488	834.533	1.236	1.610	809.661	621.533	611.525	10.009

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152414.787	7573.742	0.513	0.653	997.213	783.665	778.548	5.117

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Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37046.163	21.221	0.013	0.057	2599.72	573.449	573.121	0.328
1992	164548	35863.851	35773.860	89.991	0.055	0.251	2502.33	545.392	544.023	1.369
1993	164362	35459.800	35254.470	205.330	0.125	0.579	2455.45	529.744	526.676	3.067
1994	159866	34293.631	34000.280	293.352	0.183	0.855	2344.16	502.857	498.556	4.302
1995	158083	33531.695	33110.560	421.134	0.266	1.256	2273.86	482.318	476.261	6.058
1996	154875	32438.163	31901.163	537.000	0.347	1.655	2193.60	459.443	451.837	7.606
1997	149970	31179.663	30542.153	637.510	0.425	2.045	2090.14	434.552	425.667	8.885
1998	145407	29860.736	29143.929	716.807	0.493	2.400	1993.81	409.447	399.619	9.829
1999	165952	34413.904	33412.896	1001.008	0.603	2.909	2240.15	464.545	451.033	13.512
2000	160260	33265.290	32197.771	1067.520	0.666	3.209	2131.87	442.513	428.312	14.201
2001	154444	32074.102	30926.333	1147.769	0.743	3.578	2027.95	421.154	406.083	15.071
2002	151887	31817.956	30563.888	1254.068	0.826	3.941	1971.76	413.052	396.772	16.280
2003	146733	31025.931	29612.700	1413.231	0.963	4.555	1884.46	398.460	380.310	18.150
2004	138381	29503.602	28065.337	1438.265	1.039	4.875	1757.38	374.682	356.417	18.265
2005	135881	29077.894	27534.099	1543.795	1.136	5.309	1704.85	364.830	345.461	19.369
2006	131922	28385.448	26754.420	1631.028	1.236	5.746	1639.21	352.707	332.440	20.267
2007	126502	27327.625	25612.461	1715.165	1.356	6.276	1554.75	335.866	314.786	21.080
2008	125859	27025.472	25156.590	1868.881	1.485	6.915	1528.44	328.199	305.504	22.696
2009	122428	26361.626	24345.021	2016.605	1.647	7.650	1468.33	316.165	291.979	24.186

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619336.994	19019.68	0.635	2.979	2024.64	431.261	418.412	12.849

****

Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 7 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.611	1.372	0.004	0.031	504.630	69.431	69.410	0.021
1992	32100	4371.196	4358.776	12.420	0.039	0.284	488.154	66.474	66.285	0.189
1993	32896	4414.136	4379.565	34.571	0.105	0.783	491.442	65.944	65.428	0.516
1994	33323	4474.895	4421.045	53.851	0.162	1.203	488.625	65.617	64.827	0.790
1995	33569	4476.290	4395.229	81.062	0.241	1.811	482.855	64.387	63.221	1.166
1996	33870	4489.078	4379.957	109.121	0.322	2.431	479.723	63.582	62.036	1.546
1997	33516	4444.866	4305.880	138.987	0.415	3.127	467.113	61.948	60.011	1.937
1998	32795	4313.427	4171.845	141.581	0.432	3.282	449.682	59.145	57.204	1.941
1999	33375	4232.739	4067.950	164.788	0.494	3.893	450.521	57.137	54.912	2.224
2000	33459	4307.577	4136.486	171.091	0.511	3.972	445.090	57.302	55.026	2.276
2001	32275	4136.308	3965.646	170.662	0.529	4.126	423.792	54.312	52.072	2.241
2002	31586	4079.175	3903.005	176.169	0.558	4.319	410.041	52.955	50.668	2.287
2003	30985	4096.221	3880.959	215.262	0.695	5.255	397.934	52.607	49.842	2.765
2004	29884	4034.217	3815.686	218.530	0.731	5.417	379.513	51.233	48.457	2.775
2005	28708	3944.303	3716.162	228.141	0.795	5.784	360.189	49.488	46.625	2.862
2006	28188	3970.169	3719.429	250.741	0.890	6.316	350.253	49.332	46.216	3.116
2007	28026	3957.558	3681.615	275.943	0.985	6.973	344.449	48.640	45.248	3.391
2008	27128	3812.302	3534.945	277.357	1.022	7.275	329.444	46.297	42.929	3.368
2009	27068	3827.467	3511.220	316.247	1.168	8.263	324.637	45.904	42.111	3.793

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81419.607	3037.896	0.484	3.597	424.421	57.058	55.005	2.052

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Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.833	3.598	0.011	0.018	527.418	301.804	301.748	0.056
1992	33942	19373.324	19359.818	13.506	0.040	0.070	516.166	294.616	294.410	0.205
1993	35913	20512.169	20481.720	30.449	0.085	0.148	536.514	306.437	305.982	0.455
1994	35074	19906.392	19854.371	52.021	0.148	0.261	514.300	291.893	291.130	0.763
1995	34669	19512.784	19430.707	82.078	0.237	0.421	498.677	280.671	279.490	1.181
1996	34582	19294.631	19190.011	104.619	0.303	0.542	489.808	273.283	271.801	1.482
1997	35267	19490.717	19373.467	117.249	0.332	0.602	491.517	271.643	270.008	1.634
1998	35675	19571.902	19384.836	187.066	0.524	0.956	489.172	268.368	265.803	2.565
1999	38516	21022.469	20752.184	270.285	0.702	1.286	519.919	283.777	280.129	3.649
2000	36283	19687.992	19364.460	323.532	0.892	1.643	482.656	261.900	257.597	4.304
2001	36281	19625.032	19257.625	367.407	1.013	1.872	476.394	257.690	252.865	4.824
2002	35983	19408.801	18993.401	415.399	1.154	2.140	467.122	251.960	246.567	5.393
2003	36205	19481.360	19067.558	413.802	1.143	2.124	464.974	250.195	244.881	5.314
2004	34611	18541.224	18141.045	400.180	1.156	2.158	439.544	235.465	230.383	5.082
2005	36826	19692.114	19247.011	445.103	1.209	2.260	462.043	247.070	241.485	5.585
2006	34350	18220.663	17817.068	403.595	1.175	2.215	426.820	226.403	221.388	5.015
2007	35326	18620.282	18209.404	410.878	1.163	2.207	434.168	228.849	223.800	5.050
2008	38248	20183.701	19635.988	547.712	1.432	2.714	464.487	245.112	238.461	6.651
2009	36902	19371.930	18808.186	563.743	1.528	2.910	442.580	232.335	225.574	6.761

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385288.752	5152.222	0.723	1.320	481.512	263.774	260.293	3.481

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA4
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 8, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 8, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Assumption Set	SET4SA4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000015	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000020	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000030	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000045	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000015	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000020	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000030	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000045	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000200	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000200	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 8, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 8, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2025.00	22.30	116.00	5.27			
5	All Ages	Current MRTP	113.00	1.24					
5	All Ages	Current Dual	62.00	0.68					
5	All Ages	Former	1994.00	21.96			14.73	110.00	5.52

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	224.00	26.54	3.00	1.16			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	27.00	3.20			2.96	9.00	33.33
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.93			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	8.00	0.96					
5	25-29	Former	139.00	16.73			5.39	13.00	9.35
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.41			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	182.00	18.22			7.82	10.00	5.49
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	303.00	27.01	9.00	2.79			
5	35-39	Current MRTP	15.00	1.34					
5	35-39	Current Dual	5.00	0.45					
5	35-39	Former	238.00	21.21			8.52	14.00	5.88
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.89			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.88			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	167.00	26.89			15.26	11.00	6.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.51			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	0.00	0.00					
5	55-59	Former	156.00	29.16			14.99	6.00	3.85
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	100.00	20.49	7.00	6.48			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	130.00	26.64			21.49	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	15.00	13.04			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	161.00	30.04			21.21	7.00	4.35
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1857.00	20.39	188.00	8.57			
10	All Ages	Current MRTP	229.00	2.51					
10	All Ages	Current Dual	108.00	1.19					
10	All Ages	Former	2017.00	22.14			16.18	111.00	5.50

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	211.00	25.00	5.00	1.87			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	23.00	2.73					
10	25-29	Former	53.00	6.28			4.83	13.00	24.53

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	14.00	6.17			
10	30-34	Current MRTP	26.00	3.13					
10	30-34	Current Dual	14.00	1.68					
10	30-34	Former	163.00	19.61			8.80	12.00	7.36

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.90			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	15.00	1.50					
10	35-39	Former	197.00	19.72			11.17	8.00	4.06

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	263.00	23.44	19.00	6.60			
10	40-44	Current MRTP	20.00	1.78					
10	40-44	Current Dual	5.00	0.45					
10	40-44	Former	273.00	24.33			11.42	17.00	6.23

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.71			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	5.00	0.52					
10	45-49	Former	267.00	27.53			15.19	9.00	3.37

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.43			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	214.00	26.39			14.72	8.00	3.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	127.00	20.45	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	177.00	28.50			18.32	7.00	3.95
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.08			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	164.00	30.65			18.38	5.00	3.05
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	89.00	18.24	11.00	11.11			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	139.00	28.48			23.76	5.00	3.60
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	18.00	17.82			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	175.00	32.65			23.30	10.00	5.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1564.00	18.25	237.00	11.87			
15	All Ages	Current MRTP	289.00	3.37					
15	All Ages	Current Dual	144.00	1.68					
15	All Ages	Former	2050.00	23.92			17.27	132.00	6.44
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	2.00	0.87			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	39.00	4.80					
15	25-29	Former	38.00	4.67			4.05	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	190.00	22.51	9.00	3.30			
15	30-34	Current MRTP	54.00	6.40					
15	30-34	Current Dual	29.00	3.44					
15	30-34	Former	81.00	9.60			6.67	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	160.00	19.25	23.00	11.22			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	14.00	1.68					
15	35-39	Former	192.00	23.10			11.57	12.00	6.25
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	33.00	12.22			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	20.00	2.00					
15	40-44	Former	219.00	21.92			14.09	10.00	4.57
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	228.00	20.32	26.00	9.67			
15	45-49	Current MRTP	32.00	2.85					
15	45-49	Current Dual	9.00	0.80					
15	45-49	Former	292.00	26.02			14.87	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.76			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	289.00	29.79			17.91	14.00	4.84
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.35			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	230.00	28.36			17.63	12.00	5.22
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	101.00	16.26	18.00	14.63			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	197.00	31.72			20.27	8.00	4.06
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.73			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	173.00	32.34			21.18	9.00	5.20
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	19.00	22.35			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	153.00	31.35			23.51	12.00	7.84
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	27.00	30.00			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	186.00	34.70			24.58	12.00	6.45
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1316.00	16.38	262.00	14.83			

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	306.00	3.81					
20	All Ages	Current Dual	145.00	1.80					
20	All Ages	Former	2041.00	25.40			18.83	121.00	5.93
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	140.00	17.22	4.00	1.75			
20	30-34	Current MRTP	50.00	6.15					
20	30-34	Current Dual	38.00	4.67					
20	30-34	Former	64.00	7.87			5.88	13.00	20.31
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	162.00	19.19	11.00	4.35			
20	35-39	Current MRTP	60.00	7.11					
20	35-39	Current Dual	31.00	3.67					
20	35-39	Former	113.00	13.39			8.48	17.00	15.04
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	29.00	15.59			
20	40-44	Current MRTP	34.00	4.09					
20	40-44	Current Dual	13.00	1.56					
20	40-44	Former	211.00	25.39			14.82	7.00	3.32
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	202.00	20.22	36.00	14.40			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	19.00	1.90					
20	45-49	Former	239.00	23.92			16.90	8.00	3.35
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	202.00	18.00	35.00	14.11			
20	50-54	Current MRTP	34.00	3.03					
20	50-54	Current Dual	12.00	1.07					
20	50-54	Former	313.00	27.90			17.79	15.00	4.79
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.61			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	308.00	31.75			20.59	14.00	4.55
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.83			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	10.00	1.23					
20	60-64	Former	240.00	29.59			20.48	11.00	4.58

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	89.00	14.33	23.00	20.35			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	207.00	33.33			23.06	9.00	4.35

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	80.00	14.95	28.00	28.28			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	6.00	1.12					
20	70-74	Former	184.00	34.39			23.76	13.00	7.07

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	25.00	32.89			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	162.00	33.20			24.42	14.00	8.64

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Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.129	8.732	0.004	0.015	2826.86	839.248	839.124	0.124
1992	198532	60226.142	60211.604	14.538	0.007	0.024	2778.64	842.922	842.719	0.203
1993	202512	62332.320	62277.939	54.381	0.027	0.087	2793.47	859.818	859.067	0.750
1994	200658	62691.239	62616.803	74.436	0.037	0.119	2725.82	851.622	850.611	1.011
1995	201023	63132.954	63012.960	119.995	0.060	0.190	2687.54	844.043	842.439	1.604
1996	201180	64309.880	64221.451	88.429	0.044	0.138	2653.67	848.280	847.114	1.166
1997	198639	64547.894	64422.435	125.459	0.063	0.194	2583.39	839.475	837.843	1.632
1998	197573	65384.866	65132.661	252.205	0.128	0.386	2533.29	838.367	835.133	3.234
1999	211329	67554.762	67151.459	403.302	0.191	0.597	2673.14	854.513	849.412	5.101
2000	208496	68184.366	67663.495	520.871	0.250	0.764	2604.20	851.652	845.146	6.506
2001	203606	68286.060	67624.221	661.840	0.325	0.969	2514.65	843.372	835.198	8.174
2002	200828	68983.996	68257.271	726.725	0.362	1.053	2455.47	843.450	834.565	8.885
2003	196352	68717.830	67759.556	958.274	0.488	1.395	2377.49	832.057	820.454	11.603
2004	188160	67344.952	66063.770	1281.182	0.681	1.902	2254.66	806.974	791.622	15.352
2005	186416	67846.650	66340.182	1506.468	0.808	2.220	2208.07	803.634	785.790	17.844
2006	180088	66622.465	64665.006	1957.459	1.087	2.938	2113.55	781.893	758.920	22.973
2007	175644	65977.201	63686.402	2290.799	1.304	3.472	2039.92	766.256	739.651	26.605
2008	177570	67121.344	64629.482	2491.861	1.403	3.712	2039.03	770.751	742.137	28.614
2009	172806	66622.993	63769.700	2853.293	1.651	4.283	1961.22	756.123	723.740	32.383

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285926.114	16390.25	0.420	1.259	2465.77	823.300	812.938	10.362

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Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.747	4.272	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.044	3.402	0.007	0.010	635.738	459.227	459.180	0.048
1993	46291	33467.735	33457.004	10.732	0.023	0.032	638.542	461.657	461.509	0.148
1994	47017	33989.389	33977.586	11.803	0.025	0.035	638.697	461.725	461.565	0.160
1995	47840	34566.580	34544.808	21.772	0.046	0.063	639.587	462.131	461.840	0.291
1996	48244	34997.958	34994.980	2.977	0.006	0.009	636.363	461.641	461.602	0.039
1997	49035	35549.658	35536.245	13.413	0.027	0.038	637.723	462.340	462.165	0.174
1998	49686	36138.033	36092.931	45.102	0.091	0.125	637.076	463.363	462.785	0.578
1999	48883	35506.142	35438.496	67.646	0.138	0.191	618.331	449.124	448.269	0.856
2000	50331	36573.306	36469.328	103.979	0.207	0.284	628.656	456.816	455.517	1.299
2001	50389	36733.445	36593.815	139.630	0.277	0.380	622.333	453.679	451.955	1.725
2002	51445	37627.700	37461.794	165.906	0.322	0.441	629.005	460.065	458.036	2.028
2003	51408	37552.784	37309.327	243.457	0.474	0.648	622.464	454.701	451.753	2.948
2004	51399	37527.823	37178.944	348.880	0.679	0.930	615.898	449.684	445.504	4.181
2005	51421	37486.186	37078.765	407.421	0.792	1.087	609.074	444.018	439.193	4.826
2006	51355	37409.496	36832.781	576.715	1.123	1.542	602.712	439.045	432.276	6.768
2007	51839	37602.867	36903.617	699.251	1.349	1.860	602.056	436.718	428.597	8.121
2008	50976	36986.957	36251.567	735.389	1.443	1.988	585.355	424.719	416.275	8.444
2009	51193	37201.944	36316.635	885.309	1.729	2.380	581.003	422.215	412.167	10.048

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707417.784	4487.055	0.458	0.630	619.890	450.053	447.216	2.837

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Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.245	-0.266	-0.000	-0.002	1368.32	179.735	179.739	-0.004
1992	93721	12337.995	12330.773	7.222	0.008	0.059	1311.71	172.682	172.581	0.101
1993	93679	12401.934	12372.565	29.369	0.031	0.237	1292.22	171.073	170.668	0.405
1994	90832	12128.576	12081.941	46.634	0.051	0.385	1233.90	164.759	164.126	0.634
1995	89698	11958.696	11892.410	66.286	0.074	0.554	1199.20	159.879	158.993	0.886
1996	88286	12020.749	11944.916	75.834	0.086	0.631	1164.54	158.560	157.559	1.000
1997	84777	11593.724	11496.924	96.800	0.114	0.835	1102.56	150.782	149.523	1.259
1998	82517	11337.035	11185.722	151.313	0.183	1.335	1058.04	145.364	143.424	1.940
1999	93939	13027.458	12776.711	250.747	0.267	1.925	1188.25	164.787	161.615	3.172
2000	90039	12607.547	12325.500	282.048	0.313	2.237	1124.63	157.474	153.951	3.523
2001	86119	12350.451	11992.920	357.531	0.415	2.895	1063.62	152.535	148.119	4.416
2002	83014	12112.097	11722.211	389.885	0.470	3.219	1014.99	148.092	143.325	4.767
2003	79302	11683.252	11226.877	456.375	0.575	3.906	960.214	141.465	135.939	5.526
2004	73861	11139.095	10570.568	568.527	0.770	5.104	885.053	133.476	126.664	6.812
2005	71649	10884.683	10239.391	645.292	0.901	5.928	848.672	128.927	121.284	7.643
2006	67551	10397.565	9632.867	764.697	1.132	7.355	792.791	122.028	113.053	8.975
2007	63503	9785.831	8920.670	865.161	1.362	8.841	737.521	113.652	103.604	10.048
2008	63171	9922.524	8987.041	935.483	1.481	9.428	725.389	113.940	103.198	10.742
2009	59747	9483.598	8475.126	1008.471	1.688	10.634	678.085	107.632	96.187	11.445

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225485.141	6997.408	0.424	3.010	1043.56	146.971	142.547	4.424

****

Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 8 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.509	0.506	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.805	1.643	0.005	0.053	455.708	43.324	43.301	0.023
1993	32768	3114.516	3106.230	8.287	0.025	0.266	452.005	42.962	42.848	0.114
1994	33005	3168.398	3155.282	13.117	0.040	0.414	448.353	43.041	42.863	0.178
1995	33730	3200.274	3179.453	20.821	0.062	0.651	450.946	42.785	42.507	0.278
1996	33750	3234.738	3208.498	26.240	0.078	0.811	445.180	42.668	42.322	0.346
1997	33699	3240.665	3214.155	26.510	0.079	0.818	438.271	42.146	41.802	0.345
1998	33274	3171.578	3127.106	44.472	0.134	1.402	426.640	40.666	40.096	0.570
1999	33891	3153.786	3085.461	68.325	0.202	2.166	428.694	39.893	39.029	0.864
2000	33827	3237.043	3148.183	88.860	0.263	2.745	422.514	40.432	39.322	1.110
2001	32506	3110.972	3002.051	108.921	0.335	3.501	401.468	38.422	37.077	1.345
2002	32078	3123.298	2998.869	124.429	0.388	3.984	392.210	38.188	36.666	1.521
2003	30568	3025.984	2882.802	143.181	0.468	4.732	370.127	36.640	34.906	1.734
2004	29388	2983.453	2798.912	184.542	0.628	6.186	352.147	35.750	33.538	2.211
2005	27954	2926.679	2717.115	209.564	0.750	7.160	331.111	34.666	32.184	2.482
2006	27201	2889.308	2641.808	247.500	0.910	8.566	319.236	33.909	31.005	2.905
2007	26302	2810.025	2524.808	285.217	1.084	10.150	305.470	32.636	29.323	3.312
2008	25998	2773.025	2474.696	298.329	1.148	10.758	298.534	31.843	28.417	3.426
2009	25040	2723.293	2393.423	329.870	1.317	12.113	284.186	30.907	27.164	3.744

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59061.411	2230.332	0.358	3.639	394.195	38.747	37.338	1.410

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Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.628	4.220	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.981	2.271	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.141	5.993	0.020	0.045	410.705	184.125	184.043	0.083
1994	29804	13404.876	13401.995	2.881	0.010	0.021	404.869	182.097	182.058	0.039
1995	29755	13407.404	13396.288	11.116	0.037	0.083	397.803	179.248	179.099	0.149
1996	30900	14056.435	14073.057	-16.622	-0.054	-0.118	407.587	185.412	185.631	-0.219
1997	31128	14163.848	14175.111	-11.263	-0.036	-0.080	404.834	184.207	184.354	-0.146
1998	32096	14738.220	14726.901	11.319	0.035	0.077	411.536	188.974	188.829	0.145
1999	34616	15867.376	15850.791	16.585	0.048	0.105	437.865	200.710	200.500	0.210
2000	34299	15766.470	15720.485	45.985	0.134	0.292	428.409	196.930	196.356	0.574
2001	34592	16091.193	16035.435	55.758	0.161	0.347	427.231	198.736	198.047	0.689
2002	34291	16120.902	16074.396	46.505	0.136	0.288	419.268	197.106	196.538	0.569
2003	35074	16455.810	16340.550	115.261	0.329	0.700	424.687	199.252	197.857	1.396
2004	33512	15694.580	15515.346	179.234	0.535	1.142	401.564	188.063	185.916	2.148
2005	35392	16549.102	16304.911	244.191	0.690	1.476	419.213	196.022	193.129	2.892
2006	33981	15926.096	15557.550	368.546	1.085	2.314	398.807	186.912	182.586	4.325
2007	34000	15778.477	15337.307	441.170	1.298	2.796	394.875	183.251	178.127	5.124
2008	37425	17438.838	16916.177	522.660	1.397	2.997	429.749	200.249	194.248	6.002
2009	36826	17214.158	16584.515	629.643	1.710	3.658	417.948	195.368	188.222	7.146

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293961.779	2675.454	0.414	0.902	408.132	187.528	185.837	1.691

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA5
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 9, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 9, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA5

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000150	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000200	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000300	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000150	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000200	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000300	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.002000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.002000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 9, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 9, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2413.00	26.29	145.00	5.42			
5	All Ages	Current MRTP	129.00	1.41					
5	All Ages	Current Dual	131.00	1.43					
5	All Ages	Former	2603.00	28.36			15.47	152.00	5.84

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	236.00	25.79	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	14.00	1.53					
5	20-24	Former	32.00	3.50			2.97	9.00	28.13
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	270.00	28.18	4.00	1.32			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	12.00	1.25					
5	25-29	Former	119.00	12.42			4.73	26.00	21.85
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	348.00	32.40	10.00	2.62			
5	30-34	Current MRTP	14.00	1.30					
5	30-34	Current Dual	19.00	1.77					
5	30-34	Former	199.00	18.53			6.43	25.00	12.56
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	332.00	30.66	13.00	3.67			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	13.00	1.20					
5	35-39	Former	251.00	23.18			7.84	18.00	7.17
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	276.00	28.37	13.00	4.45			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	8.00	0.82					
5	40-44	Former	275.00	28.26			12.15	9.00	3.27
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	232.00	27.01	13.00	5.00			
5	45-49	Current MRTP	11.00	1.28					
5	45-49	Current Dual	17.00	1.98					
5	45-49	Former	291.00	33.88			14.11	5.00	1.72
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	189.00	30.00	12.00	5.91			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	235.00	37.30			17.33	9.00	3.83
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	135.00	25.76	13.00	8.78			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	8.00	1.53					
5	55-59	Former	221.00	42.18			16.82	14.00	6.33
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	110.00	21.36	16.00	12.60			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	247.00	47.96			18.89	5.00	2.02
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	111.00	22.20	14.00	11.57			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	259.00	51.80			21.85	11.00	4.25
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	68.00	15.18	22.00	25.58			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	256.00	57.14			22.30	8.00	3.13
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	65.00	18.11	14.00	18.67			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	216.00	60.17			23.58	12.00	5.56
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2181.00	23.26	246.00	9.10			
10	All Ages	Current MRTP	265.00	2.83					
10	All Ages	Current Dual	258.00	2.75					
10	All Ages	Former	2598.00	27.71			17.20	173.00	6.66
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	167.00	18.64	0.00	0.00			
10	20-24	Current MRTP	35.00	3.91					
10	20-24	Current Dual	44.00	4.91					
10	20-24	Former	23.00	2.57			2.00	10.00	43.48
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	236.00	25.79	5.00	1.66			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	39.00	4.26					
10	25-29	Former	60.00	6.56			4.85	17.00	28.33
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	236.00	24.63	11.00	3.54			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	32.00	3.34					
10	30-34	Former	148.00	15.45			7.84	15.00	10.14
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	306.00	28.49	20.00	5.57			
10	35-39	Current MRTP	26.00	2.42					
10	35-39	Current Dual	27.00	2.51					
10	35-39	Former	227.00	21.14			9.80	17.00	7.49
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	280.00	25.85	26.00	7.93			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	25.00	2.31					
10	40-44	Former	277.00	25.58			11.19	21.00	7.58
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	248.00	25.49	22.00	7.89			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	14.00	1.44					
10	45-49	Former	288.00	29.60			15.80	15.00	5.21
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	194.00	22.58	32.00	13.22			
10	50-54	Current MRTP	22.00	2.56					
10	50-54	Current Dual	26.00	3.03					
10	50-54	Former	309.00	35.97			17.10	9.00	2.91
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	157.00	24.92	27.00	14.21			
10	55-59	Current MRTP	21.00	3.33					
10	55-59	Current Dual	12.00	1.90					
10	55-59	Former	248.00	39.37			20.30	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	113.00	21.56	18.00	13.64			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	12.00	2.29					
10	60-64	Former	237.00	45.23			19.44	14.00	5.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	96.00	18.64	24.00	19.83			
10	65-69	Current MRTP	17.00	3.30					
10	65-69	Current Dual	8.00	1.55					
10	65-69	Former	253.00	49.13			21.87	12.00	4.74
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	95.00	19.00	32.00	27.59			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	8.00	1.60					
10	70-74	Former	264.00	52.80			23.97	21.00	7.95
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	53.00	11.83	29.00	37.18			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	11.00	2.46					
10	75-79	Former	264.00	58.93			24.73	14.00	5.30
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1877.00	21.03	312.00	12.31			
15	All Ages	Current MRTP	350.00	3.92					
15	All Ages	Current Dual	308.00	3.45					
15	All Ages	Former	2524.00	28.27			18.69	143.00	5.67
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	171.00	19.08	3.00	1.07			
15	25-29	Current MRTP	55.00	6.14					
15	25-29	Current Dual	55.00	6.14					
15	25-29	Former	50.00	5.58			4.12	12.00	24.00
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	207.00	22.62	11.00	3.74			
15	30-34	Current MRTP	39.00	4.26					
15	30-34	Current Dual	48.00	5.25					
15	30-34	Former	96.00	10.49			6.31	18.00	18.75
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	210.00	21.92	20.00	6.80			
15	35-39	Current MRTP	46.00	4.80					
15	35-39	Current Dual	38.00	3.97					
15	35-39	Former	174.00	18.16			10.47	17.00	9.77
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	257.00	23.93	27.00	8.31			
15	40-44	Current MRTP	33.00	3.07					
15	40-44	Current Dual	35.00	3.26					
15	40-44	Former	261.00	24.30			12.58	15.00	5.75
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	251.00	23.18	38.00	11.99			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	30.00	2.77					
15	45-49	Former	288.00	26.59			15.06	10.00	3.47
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	204.00	20.97	28.00	11.24			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	18.00	1.85					
15	50-54	Former	318.00	32.68			18.36	15.00	4.72
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	165.00	19.21	40.00	17.70			
15	55-59	Current MRTP	31.00	3.61					
15	55-59	Current Dual	30.00	3.49					
15	55-59	Former	325.00	37.83			20.20	19.00	5.85
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	142.00	22.54	36.00	19.46			
15	60-64	Current MRTP	29.00	4.60					
15	60-64	Current Dual	14.00	2.22					
15	60-64	Former	253.00	40.16			23.08	11.00	4.35
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	102.00	19.47	30.00	23.26			
15	65-69	Current MRTP	12.00	2.29					
15	65-69	Current Dual	15.00	2.86					
15	65-69	Former	240.00	45.80			22.45	9.00	3.75
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	85.00	16.50	38.00	30.65			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	16.00	3.11					
15	70-74	Former	250.00	48.54			25.32	6.00	2.40
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	83.00	16.60	41.00	36.94			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	9.00	1.80					
15	75-79	Former	269.00	53.80			25.82	11.00	4.09
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1534.00	18.20	370.00	16.29			

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	395.00	4.69					
20	All Ages	Current Dual	343.00	4.07					
20	All Ages	Former	2435.00	28.90			19.77	143.00	5.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	156.00	17.41	8.00	3.03			
20	30-34	Current MRTP	56.00	6.25					
20	30-34	Current Dual	52.00	5.80					
20	30-34	Former	85.00	9.49			6.06	15.00	17.65
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	178.00	19.45	15.00	5.32			
20	35-39	Current MRTP	51.00	5.57					
20	35-39	Current Dual	53.00	5.79					
20	35-39	Former	118.00	12.90			8.76	16.00	13.56
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	184.00	19.21	25.00	9.06			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	41.00	4.28					
20	40-44	Former	192.00	20.04			13.48	10.00	5.21
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	228.00	21.23	34.00	11.30			
20	45-49	Current MRTP	33.00	3.07					
20	45-49	Current Dual	40.00	3.72					
20	45-49	Former	285.00	26.54			15.46	15.00	5.26
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	202.00	18.65	46.00	16.14			
20	50-54	Current MRTP	48.00	4.43					
20	50-54	Current Dual	35.00	3.23					
20	50-54	Former	320.00	29.55			17.45	16.00	5.00
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	175.00	17.99	40.00	16.95			
20	55-59	Current MRTP	34.00	3.49					
20	55-59	Current Dual	27.00	2.77					
20	55-59	Former	331.00	34.02			21.38	14.00	4.23
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	145.00	16.88	52.00	24.19			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	35.00	4.07					
20	60-64	Former	336.00	39.12			22.53	18.00	5.36

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	114.00	18.10	49.00	28.82			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	19.00	3.02					
20	65-69	Former	268.00	42.54			24.48	14.00	5.22

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	87.00	16.60	47.00	36.72			
20	70-74	Current MRTP	23.00	4.39					
20	70-74	Current Dual	18.00	3.44					
20	70-74	Former	241.00	45.99			25.28	11.00	4.56

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	65.00	12.62	54.00	46.96			
20	75-79	Current MRTP	27.00	5.24					
20	75-79	Current Dual	23.00	4.47					
20	75-79	Former	259.00	50.29			25.87	14.00	5.41

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Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124089.680	42.904	0.014	0.035	4845.61	1920.39	1919.72	0.664
1992	308577	122143.718	121966.967	176.751	0.057	0.145	4692.62	1857.47	1854.79	2.688
1993	311713	123269.216	122862.759	406.457	0.130	0.330	4656.77	1841.55	1835.48	6.072
1994	305700	120480.723	119843.794	636.930	0.208	0.529	4482.57	1766.64	1757.30	9.339
1995	303225	118666.569	117744.244	922.325	0.304	0.777	4361.58	1706.89	1693.63	13.267
1996	299559	116607.195	115463.637	1143.558	0.382	0.981	4242.85	1651.58	1635.39	16.197
1997	294226	114665.051	113331.436	1333.615	0.453	1.163	4100.64	1598.09	1579.50	18.587
1998	289258	113038.380	111439.931	1598.449	0.553	1.414	3966.28	1549.97	1528.05	21.918
1999	311002	117067.463	114929.909	2137.554	0.687	1.826	4198.14	1580.27	1551.41	28.854
2000	303786	114977.407	112606.026	2371.381	0.781	2.062	4041.13	1529.49	1497.95	31.545
2001	296294	113047.319	110471.691	2575.628	0.869	2.278	3890.54	1484.39	1450.57	33.820
2002	291898	111744.742	108897.819	2846.923	0.975	2.548	3789.34	1450.64	1413.68	36.958
2003	285865	110551.854	107423.920	3127.934	1.094	2.829	3671.31	1419.80	1379.62	40.171
2004	274177	107418.262	104240.150	3178.111	1.159	2.959	3481.92	1364.16	1323.80	40.361
2005	272379	107678.770	104339.331	3339.439	1.226	3.101	3417.44	1351.01	1309.11	41.899
2006	264118	104357.806	100911.415	3446.391	1.305	3.302	3281.83	1296.71	1253.89	42.824
2007	258419	102690.449	99130.760	3559.689	1.377	3.466	3176.05	1262.10	1218.35	43.750
2008	259461	103492.166	99501.153	3991.014	1.538	3.856	3150.91	1256.82	1208.35	48.467
2009	253907	101384.044	97176.202	4207.841	1.657	4.150	3045.20	1215.94	1165.47	50.466

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2232200.785	41042.89	0.706	1.805	3927.78	1535.76	1508.03	27.728

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Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63058.193	10.593	0.014	0.017	1213.84	975.702	975.538	0.164
1992	77987	62535.347	62499.475	35.873	0.046	0.057	1185.97	950.993	950.448	0.546
1993	78542	62883.111	62806.825	76.286	0.097	0.121	1173.36	939.428	938.288	1.140
1994	77437	61805.804	61682.473	123.331	0.159	0.200	1135.48	906.276	904.468	1.808
1995	76904	61145.799	60960.964	184.835	0.240	0.302	1106.18	879.519	876.860	2.659
1996	76232	60385.323	60154.552	230.770	0.303	0.382	1079.72	855.277	852.008	3.269
1997	75473	59549.806	59290.786	259.019	0.343	0.435	1051.87	829.947	826.337	3.610
1998	75381	59292.315	58942.597	349.718	0.464	0.590	1033.62	813.010	808.215	4.795
1999	73159	57398.351	56971.787	426.564	0.583	0.743	987.557	774.807	769.049	5.758
2000	73784	57716.549	57200.340	516.209	0.700	0.894	981.515	767.777	760.910	6.867
2001	73294	57211.877	56636.242	575.635	0.785	1.006	962.399	751.230	743.672	7.558
2002	72442	56438.810	55794.415	644.395	0.890	1.142	940.422	732.673	724.308	8.365
2003	71942	55948.341	55258.252	690.090	0.959	1.233	923.937	718.533	709.671	8.863
2004	71301	55339.218	54612.311	726.907	1.019	1.314	905.490	702.783	693.551	9.231
2005	70964	54964.459	54218.658	745.801	1.051	1.357	890.360	689.620	680.262	9.357
2006	69658	53781.526	53017.668	763.859	1.097	1.420	865.543	668.268	658.777	9.491
2007	68565	52784.985	51997.979	787.006	1.148	1.491	842.687	648.745	639.072	9.673
2008	68226	52470.692	51570.851	899.842	1.319	1.715	828.542	637.208	626.280	10.928
2009	67509	51823.021	50867.906	955.115	1.415	1.843	809.661	621.533	610.078	11.455

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1150986.681	9001.847	0.610	0.776	997.213	783.665	777.584	6.081

****

Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37041.883	25.502	0.015	0.069	2599.72	573.449	573.054	0.395
1992	164548	35863.851	35754.957	108.894	0.066	0.304	2502.33	545.392	543.736	1.656
1993	164362	35459.800	35207.486	252.314	0.154	0.712	2455.45	529.744	525.974	3.769
1994	159866	34293.631	33912.954	380.678	0.238	1.110	2344.16	502.857	497.275	5.582
1995	158083	33531.695	32998.984	532.711	0.337	1.589	2273.86	482.318	474.656	7.662
1996	154875	32438.163	31784.546	653.617	0.422	2.015	2193.60	459.443	450.185	9.258
1997	149970	31179.663	30412.594	767.069	0.511	2.460	2090.14	434.552	423.861	10.691
1998	145407	29860.736	28998.938	861.798	0.593	2.886	1993.81	409.447	397.630	11.817
1999	165952	34413.904	33212.032	1201.873	0.724	3.492	2240.15	464.545	448.322	16.224
2000	160260	33265.290	31985.035	1280.255	0.799	3.849	2131.87	442.513	425.482	17.031
2001	154444	32074.102	30700.108	1373.993	0.890	4.284	2027.95	421.154	403.113	18.041
2002	151887	31817.956	30312.746	1505.210	0.991	4.731	1971.76	413.052	393.512	19.540
2003	146733	31025.931	29339.784	1686.148	1.149	5.435	1884.46	398.460	376.805	21.655
2004	138381	29503.602	27795.267	1708.335	1.235	5.790	1757.38	374.682	352.987	21.695
2005	135881	29077.894	27277.875	1800.019	1.325	6.190	1704.85	364.830	342.246	22.584
2006	131922	28385.448	26485.335	1900.113	1.440	6.694	1639.21	352.707	329.096	23.610
2007	126502	27327.625	25369.644	1957.982	1.548	7.165	1554.75	335.866	311.801	24.064
2008	125859	27025.472	24895.238	2130.234	1.693	7.882	1528.44	328.199	302.330	25.870
2009	122428	26361.626	24108.262	2253.363	1.841	8.548	1468.33	316.165	289.140	27.025

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	615976.565	22380.11	0.747	3.506	2024.64	431.261	416.141	15.120

****

Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 9 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4485.485	2.498	0.008	0.056	504.630	69.431	69.392	0.039
1992	32100	4371.196	4355.384	15.812	0.049	0.362	488.154	66.474	66.234	0.240
1993	32896	4414.136	4372.513	41.623	0.127	0.943	491.442	65.944	65.322	0.622
1994	33323	4474.895	4407.338	67.557	0.203	1.510	488.625	65.617	64.626	0.991
1995	33569	4476.290	4375.384	100.907	0.301	2.254	482.855	64.387	62.935	1.451
1996	33870	4489.078	4359.256	129.822	0.383	2.892	479.723	63.582	61.743	1.839
1997	33516	4444.866	4283.347	161.519	0.482	3.634	467.113	61.948	59.697	2.251
1998	32795	4313.427	4148.432	164.994	0.503	3.825	449.682	59.145	56.883	2.262
1999	33375	4232.739	4037.424	195.315	0.585	4.614	450.521	57.137	54.500	2.637
2000	33459	4307.577	4103.367	204.210	0.610	4.741	445.090	57.302	54.585	2.717
2001	32275	4136.308	3926.840	209.469	0.649	5.064	423.792	54.312	51.562	2.750
2002	31586	4079.175	3861.915	217.260	0.688	5.326	410.041	52.955	50.134	2.820
2003	30985	4096.221	3836.445	259.777	0.838	6.342	397.934	52.607	49.271	3.336
2004	29884	4034.217	3774.220	259.997	0.870	6.445	379.513	51.233	47.931	3.302
2005	28708	3944.303	3680.308	263.994	0.920	6.693	360.189	49.488	46.176	3.312
2006	28188	3970.169	3680.201	289.968	1.029	7.304	350.253	49.332	45.729	3.603
2007	28026	3957.558	3647.215	310.343	1.107	7.842	344.449	48.640	44.825	3.814
2008	27128	3812.302	3500.317	311.985	1.150	8.184	329.444	46.297	42.508	3.789
2009	27068	3827.467	3479.610	347.857	1.285	9.088	324.637	45.904	41.732	4.172

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	80902.596	3554.907	0.566	4.209	424.421	57.058	54.656	2.402

****

Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.120	4.311	0.013	0.022	527.418	301.804	301.737	0.067
1992	33942	19373.324	19357.152	16.172	0.048	0.083	516.166	294.616	294.370	0.246
1993	35913	20512.169	20475.935	36.234	0.101	0.177	536.514	306.437	305.896	0.541
1994	35074	19906.392	19841.028	65.364	0.186	0.328	514.300	291.893	290.935	0.958
1995	34669	19512.784	19408.912	103.872	0.300	0.532	498.677	280.671	279.177	1.494
1996	34582	19294.631	19165.282	129.349	0.374	0.670	489.808	273.283	271.450	1.832
1997	35267	19490.717	19344.709	146.008	0.414	0.749	491.517	271.643	269.608	2.035
1998	35675	19571.902	19349.964	221.938	0.622	1.134	489.172	268.368	265.325	3.043
1999	38516	21022.469	20708.667	313.802	0.815	1.493	519.919	283.777	279.542	4.236
2000	36283	19687.992	19317.284	370.707	1.022	1.883	482.656	261.900	256.969	4.931
2001	36281	19625.032	19208.501	416.531	1.148	2.122	476.394	257.690	252.220	5.469
2002	35983	19408.801	18928.743	480.058	1.334	2.473	467.122	251.960	245.728	6.232
2003	36205	19481.360	18989.440	491.920	1.359	2.525	464.974	250.195	243.878	6.318
2004	34611	18541.224	18058.352	482.872	1.395	2.604	439.544	235.465	229.333	6.132
2005	36826	19692.114	19162.489	529.625	1.438	2.690	462.043	247.070	240.425	6.645
2006	34350	18220.663	17728.212	492.451	1.434	2.703	426.820	226.403	220.284	6.119
2007	35326	18620.282	18115.923	504.359	1.428	2.709	434.168	228.849	222.651	6.199
2008	38248	20183.701	19534.747	648.953	1.697	3.215	464.487	245.112	237.231	7.881
2009	36902	19371.930	18720.423	651.506	1.766	3.363	442.580	232.335	224.521	7.814

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	384334.942	6106.032	0.857	1.564	481.512	263.774	259.649	4.125

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA5
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 10, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 10, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA5

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000150	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000200	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000300	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000450	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000150	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000200	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000300	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000450	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.002000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.002000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 10, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 10, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	1990.00	21.92	118.00	5.34			
5	All Ages	Current MRTP	108.00	1.19					
5	All Ages	Current Dual	112.00	1.23					
5	All Ages	Former	1984.00	21.85			14.79	112.00	5.65

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	222.00	26.30	3.00	1.16			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	18.00	2.13					
5	20-24	Former	27.00	3.20			2.89	9.00	33.33
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	203.00	24.43	9.00	3.90			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	12.00	1.44					
5	25-29	Former	137.00	16.49			5.47	11.00	8.03
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	275.00	27.53	13.00	4.41			
5	30-34	Current MRTP	8.00	0.80					
5	30-34	Current Dual	12.00	1.20					
5	30-34	Former	182.00	18.22			7.78	12.00	6.59
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	293.00	26.11	8.00	2.50			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	13.00	1.16					
5	35-39	Former	241.00	21.48			8.44	16.00	6.64
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	207.00	21.34	10.00	4.59			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	255.00	26.29			11.44	16.00	6.27
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	166.00	20.47	9.00	4.92			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	10.00	1.23					
5	45-49	Former	206.00	25.40			11.13	15.00	7.28
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	145.00	23.35	10.00	6.41			
5	50-54	Current MRTP	3.00	0.48					
5	50-54	Current Dual	8.00	1.29					
5	50-54	Former	164.00	26.41			15.48	11.00	6.71
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	118.00	22.06	7.00	5.38			
5	55-59	Current MRTP	6.00	1.12					
5	55-59	Current Dual	6.00	1.12					
5	55-59	Former	153.00	28.60			15.27	4.00	2.61
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.22			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	11.00	2.05					
5	65-69	Former	155.00	28.92			21.94	5.00	3.23
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.29			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	175.00	32.47			24.77	6.00	3.43

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	22.58			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	6.00	1.23					
5	75-79	Former	157.00	32.30			28.31	2.00	1.27

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1781.00	19.55	185.00	8.50			
10	All Ages	Current MRTP	212.00	2.33					
10	All Ages	Current Dual	183.00	2.01					
10	All Ages	Former	2035.00	22.34			16.04	115.00	5.65

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	136.00	16.73	0.00	0.00			
10	20-24	Current MRTP	27.00	3.32					
10	20-24	Current Dual	31.00	3.81					
10	20-24	Former	18.00	2.21			2.61	6.00	33.33

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	204.00	24.17	5.00	1.85			
10	25-29	Current MRTP	32.00	3.79					
10	25-29	Current Dual	34.00	4.03					
10	25-29	Former	51.00	6.04			4.88	11.00	21.57

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	182.00	21.90	12.00	5.24			
10	30-34	Current MRTP	21.00	2.53					
10	30-34	Current Dual	26.00	3.13					
10	30-34	Former	161.00	19.37			8.80	15.00	9.32

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	242.00	24.22	24.00	8.33			
10	35-39	Current MRTP	24.00	2.40					
10	35-39	Current Dual	22.00	2.20					
10	35-39	Former	201.00	20.12			10.91	13.00	6.47

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	244.00	21.75	19.00	6.83			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	15.00	1.34					
10	40-44	Former	283.00	25.22			11.17	17.00	6.01

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	175.00	18.04	22.00	10.84			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	270.00	27.84			15.10	7.00	2.59

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	144.00	17.76	18.00	10.65			
10	50-54	Current MRTP	14.00	1.73					
10	50-54	Current Dual	11.00	1.36					
10	50-54	Former	220.00	27.13			14.42	8.00	3.64
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	123.00	19.81	15.00	10.71			
10	55-59	Current MRTP	10.00	1.61					
10	55-59	Current Dual	7.00	1.13					
10	55-59	Former	180.00	28.99			18.02	6.00	3.33
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	98.00	18.32	12.00	10.26			
10	60-64	Current MRTP	11.00	2.06					
10	60-64	Current Dual	8.00	1.50					
10	60-64	Former	166.00	31.03			18.14	6.00	3.61
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	12.00	11.88			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	7.00	1.43					
10	65-69	Former	137.00	28.07			24.09	5.00	3.65
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	82.00	15.30	19.00	18.27			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	9.00	1.68					
10	70-74	Former	172.00	32.09			23.48	11.00	6.40
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	63.00	11.69	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	2.00	0.37					
10	75-79	Former	176.00	32.65			26.87	10.00	5.68
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1464.00	17.08	237.00	11.89			
15	All Ages	Current MRTP	274.00	3.20					
15	All Ages	Current Dual	255.00	2.98					
15	All Ages	Former	2054.00	23.97			17.27	129.00	6.28
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	140.00	17.22	2.00	0.88			
15	25-29	Current MRTP	44.00	5.41					
15	25-29	Current Dual	43.00	5.29					
15	25-29	Former	40.00	4.92			3.80	15.00	37.50
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	179.00	21.21	9.00	3.30			
15	30-34	Current MRTP	52.00	6.16					
15	30-34	Current Dual	42.00	4.98					
15	30-34	Former	81.00	9.60			6.54	17.00	20.99

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	155.00	18.65	22.00	10.43			
15	35-39	Current MRTP	26.00	3.13					
15	35-39	Current Dual	30.00	3.61					
15	35-39	Former	186.00	22.38			11.68	13.00	6.99

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	206.00	20.62	35.00	12.92			
15	40-44	Current MRTP	29.00	2.90					
15	40-44	Current Dual	36.00	3.60					
15	40-44	Former	218.00	21.82			14.10	10.00	4.59

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	206.00	18.36	25.00	9.65			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	22.00	1.96					
15	45-49	Former	302.00	26.92			14.72	13.00	4.30

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	144.00	14.85	30.00	16.04			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	21.00	2.16					
15	50-54	Former	286.00	29.48			18.18	12.00	4.20

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	121.00	14.92	23.00	15.65			
15	55-59	Current MRTP	14.00	1.73					
15	55-59	Current Dual	12.00	1.48					
15	55-59	Former	242.00	29.84			17.00	16.00	6.61

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	96.00	15.46	18.00	14.29			
15	60-64	Current MRTP	17.00	2.74					
15	60-64	Current Dual	13.00	2.09					
15	60-64	Former	194.00	31.24			20.61	2.00	1.03

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	87.00	16.26	25.00	22.32			
15	65-69	Current MRTP	14.00	2.62					
15	65-69	Current Dual	11.00	2.06					
15	65-69	Former	171.00	31.96			21.44	7.00	4.09

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	65.00	13.32	21.00	24.14			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	13.00	2.66					
15	70-74	Former	151.00	30.94			23.74	13.00	8.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	65.00	12.13	27.00	29.03			
15	75-79	Current MRTP	16.00	2.99					
15	75-79	Current Dual	12.00	2.24					
15	75-79	Former	183.00	34.14			24.79	11.00	6.01

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1198.00	14.91	262.00	14.93			

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	290.00	3.61					
20	All Ages	Current Dual	267.00	3.32					
20	All Ages	Former	2053.00	25.55			18.79	117.00	5.70
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	133.00	16.36	4.00	1.79			
20	30-34	Current MRTP	47.00	5.78					
20	30-34	Current Dual	44.00	5.41					
20	30-34	Former	68.00	8.36			5.68	14.00	20.59
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	148.00	17.54	12.00	4.69			
20	35-39	Current MRTP	58.00	6.87					
20	35-39	Current Dual	50.00	5.92					
20	35-39	Former	110.00	13.03			8.72	11.00	10.00
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	130.00	15.64	26.00	13.47			
20	40-44	Current MRTP	30.00	3.61					
20	40-44	Current Dual	33.00	3.97					
20	40-44	Former	204.00	24.55			15.00	8.00	3.92
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	184.00	18.42	39.00	15.54			
20	45-49	Current MRTP	30.00	3.00					
20	45-49	Current Dual	37.00	3.70					
20	45-49	Former	238.00	23.82			16.91	8.00	3.36
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	177.00	15.78	38.00	15.90			
20	50-54	Current MRTP	31.00	2.76					
20	50-54	Current Dual	31.00	2.76					
20	50-54	Former	322.00	28.70			17.61	17.00	5.28
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	120.00	12.37	35.00	20.96			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	20.00	2.06					
20	55-59	Former	306.00	31.55			20.77	13.00	4.25
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	98.00	12.08	34.00	25.19			
20	60-64	Current MRTP	22.00	2.71					

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	15.00	1.85					
20	60-64	Former	254.00	31.32			19.91	10.00	3.94

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	84.00	13.53	22.00	18.80			
20	65-69	Current MRTP	18.00	2.90					
20	65-69	Current Dual	15.00	2.42					
20	65-69	Former	203.00	32.69			23.48	7.00	3.45

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	71.00	13.27	26.00	26.26			
20	70-74	Current MRTP	15.00	2.80					
20	70-74	Current Dual	13.00	2.43					
20	70-74	Former	184.00	34.39			23.73	13.00	7.07

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	53.00	10.86	26.00	35.14			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	9.00	1.84					
20	75-79	Former	164.00	33.61			24.02	16.00	9.76

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Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.269	8.593	0.004	0.015	2826.86	839.248	839.126	0.122
1992	198532	60226.142	60231.339	-5.197	-0.003	-0.009	2778.64	842.922	842.995	-0.073
1993	202512	62332.320	62308.501	23.818	0.012	0.038	2793.47	859.818	859.489	0.329
1994	200658	62691.239	62659.785	31.454	0.016	0.050	2725.82	851.622	851.195	0.427
1995	201023	63132.954	63068.994	63.960	0.032	0.101	2687.54	844.043	843.188	0.855
1996	201180	64309.880	64285.051	24.829	0.012	0.039	2653.67	848.280	847.952	0.328
1997	198639	64547.894	64456.667	91.227	0.046	0.141	2583.39	839.475	838.289	1.186
1998	197573	65384.866	65138.033	246.833	0.125	0.378	2533.29	838.367	835.202	3.165
1999	211329	67554.762	67128.777	425.985	0.202	0.631	2673.14	854.513	849.125	5.388
2000	208496	68184.366	67622.880	561.486	0.269	0.823	2604.20	851.652	844.638	7.013
2001	203606	68286.060	67549.995	736.066	0.362	1.078	2514.65	843.372	834.281	9.091
2002	200828	68983.996	68134.420	849.576	0.423	1.232	2455.47	843.450	833.063	10.388
2003	196352	68717.830	67615.710	1102.120	0.561	1.604	2377.49	832.057	818.713	13.345
2004	188160	67344.952	65885.143	1459.809	0.776	2.168	2254.66	806.974	789.481	17.492
2005	186416	67846.650	66150.295	1696.355	0.910	2.500	2208.07	803.634	783.541	20.093
2006	180088	66622.465	64348.377	2274.088	1.263	3.413	2113.55	781.893	755.204	26.689
2007	175644	65977.201	63312.116	2665.085	1.517	4.039	2039.92	766.256	735.304	30.952
2008	177570	67121.344	64157.298	2964.045	1.669	4.416	2039.03	770.751	736.715	34.036
2009	172806	66622.993	63251.120	3371.873	1.951	5.061	1961.22	756.123	717.854	38.268

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1283724.358	18592.01	0.477	1.428	2465.77	823.300	811.546	11.754

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Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.705	4.313	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32813.542	-2.096	-0.005	-0.006	635.738	459.227	459.257	-0.029
1993	46291	33467.735	33466.595	1.141	0.002	0.003	638.542	461.657	461.641	0.016
1994	47017	33989.389	33991.920	-2.531	-0.005	-0.007	638.697	461.725	461.759	-0.034
1995	47840	34566.580	34563.207	3.373	0.007	0.010	639.587	462.131	462.086	0.045
1996	48244	34997.958	35016.398	-18.440	-0.038	-0.053	636.363	461.641	461.884	-0.243
1997	49035	35549.658	35551.981	-2.323	-0.005	-0.007	637.723	462.340	462.370	-0.030
1998	49686	36138.033	36099.586	38.447	0.077	0.106	637.076	463.363	462.870	0.493
1999	48883	35506.142	35440.805	65.337	0.134	0.184	618.331	449.124	448.298	0.826
2000	50331	36573.306	36467.058	106.248	0.211	0.291	628.656	456.816	455.489	1.327
2001	50389	36733.445	36587.749	145.696	0.289	0.397	622.333	453.679	451.880	1.799
2002	51445	37627.700	37438.654	189.046	0.367	0.502	629.005	460.065	457.753	2.311
2003	51408	37552.784	37278.758	274.026	0.533	0.730	622.464	454.701	451.383	3.318
2004	51399	37527.823	37133.931	393.892	0.766	1.050	615.898	449.684	444.964	4.720
2005	51421	37486.186	37031.424	454.762	0.884	1.213	609.074	444.018	438.632	5.387
2006	51355	37409.496	36741.632	667.864	1.300	1.785	602.712	439.045	431.207	7.838
2007	51839	37602.867	36789.324	813.544	1.569	2.164	602.056	436.718	427.270	9.448
2008	50976	36986.957	36107.026	879.931	1.726	2.379	585.355	424.719	414.615	10.104
2009	51193	37201.944	36151.797	1050.148	2.051	2.823	581.003	422.215	410.297	11.918

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	706842.461	5062.378	0.516	0.711	619.890	450.053	446.853	3.200

****

Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.299	-0.320	-0.000	-0.003	1368.32	179.735	179.740	-0.005
1992	93721	12337.995	12338.303	-0.307	-0.000	-0.002	1311.71	172.682	172.686	-0.004
1993	93679	12401.934	12382.602	19.332	0.021	0.156	1292.22	171.073	170.807	0.267
1994	90832	12128.576	12094.753	33.823	0.037	0.279	1233.90	164.759	164.300	0.459
1995	89698	11958.696	11909.785	48.911	0.055	0.409	1199.20	159.879	159.225	0.654
1996	88286	12020.749	11961.600	59.149	0.067	0.492	1164.54	158.560	157.780	0.780
1997	84777	11593.724	11497.858	95.866	0.113	0.827	1102.56	150.782	149.535	1.247
1998	82517	11337.035	11174.967	162.068	0.196	1.430	1058.04	145.364	143.286	2.078
1999	93939	13027.458	12747.131	280.326	0.298	2.152	1188.25	164.787	161.241	3.546
2000	90039	12607.547	12290.278	317.269	0.352	2.516	1124.63	157.474	153.511	3.963
2001	86119	12350.451	11933.282	417.169	0.484	3.378	1063.62	152.535	147.383	5.152
2002	83014	12112.097	11646.601	465.496	0.561	3.843	1014.99	148.092	142.400	5.691
2003	79302	11683.252	11141.738	541.514	0.683	4.635	960.214	141.465	134.908	6.557
2004	73861	11139.095	10475.201	663.894	0.899	5.960	885.053	133.476	125.521	7.955
2005	71649	10884.683	10140.052	744.631	1.039	6.841	848.672	128.927	120.107	8.820
2006	67551	10397.565	9496.422	901.142	1.334	8.667	792.791	122.028	111.452	10.576
2007	63503	9785.831	8769.523	1016.308	1.600	10.386	737.521	113.652	101.849	11.803
2008	63171	9922.524	8811.320	1111.204	1.759	11.199	725.389	113.940	101.180	12.760
2009	59747	9483.598	8285.790	1197.808	2.005	12.630	678.085	107.632	94.038	13.594

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	224407.268	8075.281	0.489	3.473	1043.56	146.971	141.866	5.105

****

Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 10 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.967	0.048	0.000	0.002	461.369	44.228	44.227	0.001
1992	32560	3095.448	3096.720	-1.272	-0.004	-0.041	455.708	43.324	43.342	-0.018
1993	32768	3114.516	3109.149	5.367	0.016	0.172	452.005	42.962	42.888	0.074
1994	33005	3168.398	3159.272	9.126	0.028	0.288	448.353	43.041	42.917	0.124
1995	33730	3200.274	3184.866	15.408	0.046	0.481	450.946	42.785	42.579	0.206
1996	33750	3234.738	3214.451	20.287	0.060	0.627	445.180	42.668	42.400	0.268
1997	33699	3240.665	3215.145	25.519	0.076	0.787	438.271	42.146	41.814	0.332
1998	33274	3171.578	3124.882	46.696	0.140	1.472	426.640	40.666	40.067	0.599
1999	33891	3153.786	3077.818	75.968	0.224	2.409	428.694	39.893	38.932	0.961
2000	33827	3237.043	3135.943	101.100	0.299	3.123	422.514	40.432	39.169	1.263
2001	32506	3110.972	2980.266	130.706	0.402	4.201	401.468	38.422	36.808	1.614
2002	32078	3123.298	2972.974	150.323	0.469	4.813	392.210	38.188	36.350	1.838
2003	30568	3025.984	2853.161	172.823	0.565	5.711	370.127	36.640	34.547	2.093
2004	29388	2983.453	2766.998	216.455	0.737	7.255	352.147	35.750	33.156	2.594
2005	27954	2926.679	2684.298	242.381	0.867	8.282	331.111	34.666	31.795	2.871
2006	27201	2889.308	2600.104	289.204	1.063	10.009	319.236	33.909	30.515	3.394
2007	26302	2810.025	2478.035	331.991	1.262	11.815	305.470	32.636	28.780	3.856
2008	25998	2773.025	2422.423	350.602	1.349	12.643	298.534	31.843	27.817	4.026
2009	25040	2723.293	2333.977	389.316	1.555	14.296	284.186	30.907	26.489	4.418

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	58719.694	2572.050	0.412	4.196	394.195	38.747	37.121	1.626

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Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.296	4.551	0.017	0.039	377.015	167.754	167.689	0.065
1992	26828	11981.252	11982.774	-1.522	-0.006	-0.013	375.483	167.689	167.710	-0.021
1993	29774	13348.134	13350.156	-2.022	-0.007	-0.015	410.705	184.125	184.153	-0.028
1994	29804	13404.876	13413.840	-8.964	-0.030	-0.067	404.869	182.097	182.219	-0.122
1995	29755	13407.404	13411.136	-3.732	-0.013	-0.028	397.803	179.248	179.297	-0.050
1996	30900	14056.435	14092.602	-36.167	-0.117	-0.257	407.587	185.412	185.889	-0.477
1997	31128	14163.848	14191.683	-27.835	-0.089	-0.197	404.834	184.207	184.569	-0.362
1998	32096	14738.220	14738.598	-0.378	-0.001	-0.003	411.536	188.974	188.979	-0.005
1999	34616	15867.376	15863.022	4.354	0.013	0.027	437.865	200.710	200.654	0.055
2000	34299	15766.470	15729.600	36.870	0.107	0.234	428.409	196.930	196.469	0.461
2001	34592	16091.193	16048.698	42.495	0.123	0.264	427.231	198.736	198.211	0.525
2002	34291	16120.902	16076.191	44.711	0.130	0.277	419.268	197.106	196.560	0.547
2003	35074	16455.810	16342.053	113.757	0.324	0.691	424.687	199.252	197.875	1.377
2004	33512	15694.580	15509.013	185.567	0.554	1.182	401.564	188.063	185.840	2.224
2005	35392	16549.102	16294.522	254.580	0.719	1.538	419.213	196.022	193.006	3.015
2006	33981	15926.096	15510.218	415.878	1.224	2.611	398.807	186.912	182.031	4.881
2007	34000	15778.477	15275.234	503.243	1.480	3.189	394.875	183.251	177.406	5.845
2008	37425	17438.838	16816.530	622.308	1.663	3.569	429.749	200.249	193.103	7.146
2009	36826	17214.158	16479.556	734.602	1.995	4.267	417.948	195.368	187.031	8.337

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293754.935	2882.298	0.446	0.972	408.132	187.528	185.706	1.822

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA6
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 11, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 11, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000300	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000400	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000600	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000300	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000400	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000600	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.004000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.004000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 11, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 11, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2351.00	25.62	143.00	5.36			
5	All Ages	Current MRTP	125.00	1.36					
5	All Ages	Current Dual	194.00	2.11					
5	All Ages	Former	2606.00	28.40			15.46	152.00	5.83

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	232.00	25.36	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	18.00	1.97					
5	20-24	Former	32.00	3.50			3.09	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	264.00	27.56	4.00	1.30			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	22.00	2.30					
5	25-29	Former	115.00	12.00			4.91	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	340.00	31.66	11.00	2.87			
5	30-34	Current MRTP	12.00	1.12					
5	30-34	Current Dual	31.00	2.89					
5	30-34	Former	197.00	18.34			6.47	23.00	11.68
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	325.00	30.01	13.00	3.63			
5	35-39	Current MRTP	8.00	0.74					
5	35-39	Current Dual	25.00	2.31					
5	35-39	Former	247.00	22.81			7.92	18.00	7.29
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	268.00	27.54	12.00	4.17			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	12.00	1.23					
5	40-44	Former	279.00	28.67			12.01	9.00	3.23
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	225.00	26.19	14.00	5.41			
5	45-49	Current MRTP	11.00	1.28					
5	45-49	Current Dual	23.00	2.68					
5	45-49	Former	292.00	33.99			14.05	8.00	2.74
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	180.00	28.57	12.00	6.09			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	8.00	1.27					
5	50-54	Former	241.00	38.25			16.96	11.00	4.56
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	12.00	2.29					
5	55-59	Former	220.00	41.98			16.90	13.00	5.91
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	108.00	20.97	15.00	11.63			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	11.00	2.14					
5	60-64	Former	245.00	47.57			19.03	4.00	1.63
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	107.00	21.40	13.00	10.92			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	6.00	1.20					
5	65-69	Former	261.00	52.20			21.70	11.00	4.21
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	67.00	14.96	21.00	24.42			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	11.00	2.46					
5	70-74	Former	256.00	57.14			22.28	10.00	3.91

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	62.00	17.27	14.00	19.44			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	219.00	61.00			23.27	14.00	6.39

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2097.00	22.37	236.00	8.74			
10	All Ages	Current MRTP	244.00	2.60					
10	All Ages	Current Dual	358.00	3.82					
10	All Ages	Former	2603.00	27.77			17.18	174.00	6.68

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	165.00	18.42	0.00	0.00			
10	20-24	Current MRTP	34.00	3.79					
10	20-24	Current Dual	47.00	5.25					
10	20-24	Former	23.00	2.57			2.04	9.00	39.13

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	229.00	25.03	3.00	1.00			
10	25-29	Current MRTP	24.00	2.62					
10	25-29	Current Dual	48.00	5.25					
10	25-29	Former	61.00	6.67			5.13	15.00	24.59

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	227.00	23.70	8.00	2.58			
10	30-34	Current MRTP	39.00	4.07					
10	30-34	Current Dual	44.00	4.59					
10	30-34	Former	149.00	15.55			7.80	18.00	12.08

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	295.00	27.47	19.00	5.25			
10	35-39	Current MRTP	21.00	1.96					
10	35-39	Current Dual	46.00	4.28					
10	35-39	Former	224.00	20.86			9.87	16.00	7.14

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	273.00	25.21	28.00	8.33			
10	40-44	Current MRTP	22.00	2.03					
10	40-44	Current Dual	41.00	3.79					
10	40-44	Former	269.00	24.84			11.36	19.00	7.06

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	238.00	24.46	19.00	6.96			
10	45-49	Current MRTP	15.00	1.54					
10	45-49	Current Dual	20.00	2.06					
10	45-49	Former	294.00	30.22			15.61	13.00	4.42

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	177.00	20.61	31.00	13.25			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	36.00	4.19					
10	50-54	Former	317.00	36.90			16.73	13.00	4.10
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	149.00	23.65	28.00	14.89			
10	55-59	Current MRTP	20.00	3.17					
10	55-59	Current Dual	19.00	3.02					
10	55-59	Former	250.00	39.68			20.20	11.00	4.40
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	110.00	20.99	20.00	14.81			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	18.00	3.44					
10	60-64	Former	234.00	44.66			19.64	13.00	5.56
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	93.00	18.06	22.00	18.18			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	12.00	2.33					
10	65-69	Former	253.00	49.13			21.83	13.00	5.14
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	89.00	17.80	31.00	27.68			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	10.00	2.00					
10	70-74	Former	268.00	53.60			23.68	21.00	7.84
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	52.00	11.61	27.00	33.33			
10	75-79	Current MRTP	12.00	2.68					
10	75-79	Current Dual	17.00	3.79					
10	75-79	Former	261.00	58.26			24.96	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1766.00	19.78	307.00	12.08			
15	All Ages	Current MRTP	331.00	3.71					
15	All Ages	Current Dual	444.00	4.97					
15	All Ages	Former	2518.00	28.21			18.74	147.00	5.84
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	166.00	18.53	3.00	1.06			
15	25-29	Current MRTP	53.00	5.92					
15	25-29	Current Dual	63.00	7.03					
15	25-29	Former	49.00	5.47			4.18	12.00	24.49
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	197.00	21.53	9.00	3.03			
15	30-34	Current MRTP	37.00	4.04					
15	30-34	Current Dual	63.00	6.89					
15	30-34	Former	93.00	10.16			6.75	17.00	18.28
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	198.00	20.67	17.00	5.84			
15	35-39	Current MRTP	42.00	4.38					
15	35-39	Current Dual	51.00	5.32					
15	35-39	Former	177.00	18.48			10.29	21.00	11.86
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	241.00	22.44	28.00	8.43			
15	40-44	Current MRTP	28.00	2.61					
15	40-44	Current Dual	63.00	5.87					
15	40-44	Former	254.00	23.65			12.70	17.00	6.69
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	239.00	22.07	40.00	12.35			
15	45-49	Current MRTP	35.00	3.23					
15	45-49	Current Dual	50.00	4.62					
15	45-49	Former	281.00	25.95			15.18	9.00	3.20
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	193.00	19.84	25.00	10.00			
15	50-54	Current MRTP	25.00	2.57					
15	50-54	Current Dual	32.00	3.29					
15	50-54	Former	317.00	32.58			18.57	14.00	4.42
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	148.00	17.23	39.00	17.81			
15	55-59	Current MRTP	29.00	3.38					
15	55-59	Current Dual	42.00	4.89					
15	55-59	Former	332.00	38.65			19.94	20.00	6.02
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	131.00	20.79	36.00	20.00			
15	60-64	Current MRTP	28.00	4.44					
15	60-64	Current Dual	21.00	3.33					
15	60-64	Former	258.00	40.95			22.78	11.00	4.26
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	96.00	18.32	29.00	21.97			
15	65-69	Current MRTP	12.00	2.29					
15	65-69	Current Dual	24.00	4.58					
15	65-69	Former	237.00	45.23			22.61	10.00	4.22
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	80.00	15.53	36.00	29.51			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	19.00	3.69					
15	70-74	Former	252.00	48.93			25.14	6.00	2.38
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	77.00	15.40	45.00	40.18			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	16.00	3.20					
15	75-79	Former	268.00	53.60			25.98	10.00	3.73
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1421.00	16.86	358.00	15.70			

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	364.00	4.32					
20	All Ages	Current Dual	495.00	5.87					
20	All Ages	Former	2427.00	28.80			19.82	150.00	6.18
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	148.00	16.52	7.00	2.62			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	66.00	7.37					
20	30-34	Former	82.00	9.15			6.13	14.00	17.07
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	166.00	18.14	14.00	4.96			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	68.00	7.43					
20	35-39	Former	118.00	12.90			8.95	16.00	13.56
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	168.00	17.54	23.00	8.39			
20	40-44	Current MRTP	47.00	4.91					
20	40-44	Current Dual	59.00	6.16					
20	40-44	Former	194.00	20.25			13.42	10.00	5.15
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	210.00	19.55	33.00	10.86			
20	45-49	Current MRTP	28.00	2.61					
20	45-49	Current Dual	66.00	6.15					
20	45-49	Former	282.00	26.26			15.43	19.00	6.74
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	189.00	17.45	49.00	16.67			
20	50-54	Current MRTP	45.00	4.16					
20	50-54	Current Dual	60.00	5.54					
20	50-54	Former	311.00	28.72			17.54	17.00	5.47
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	164.00	16.86	38.00	16.03			
20	55-59	Current MRTP	28.00	2.88					
20	55-59	Current Dual	45.00	4.62					
20	55-59	Former	330.00	33.92			21.45	18.00	5.45
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	129.00	15.02	52.00	24.88			
20	60-64	Current MRTP	33.00	3.84					

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20	60-64	Current Dual	47.00	5.47					
20	60-64	Former	342.00	39.81			22.35	20.00	5.85

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	106.00	16.83	48.00	28.40			
20	65-69	Current MRTP	35.00	5.56					
20	65-69	Current Dual	28.00	4.44					
20	65-69	Former	269.00	42.70			24.57	11.00	4.09

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	79.00	15.08	44.00	34.11			
20	70-74	Current MRTP	21.00	4.01					
20	70-74	Current Dual	29.00	5.53					
20	70-74	Former	240.00	45.80			25.28	11.00	4.58

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	62.00	12.04	50.00	43.48			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	27.00	5.24					
20	75-79	Former	259.00	50.29			25.97	14.00	5.41

****

Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124080.090	52.493	0.017	0.042	4845.61	1920.39	1919.57	0.812
1992	308577	122143.718	121941.498	202.221	0.066	0.166	4692.62	1857.47	1854.40	3.075
1993	311713	123269.216	122821.928	447.288	0.143	0.363	4656.77	1841.55	1834.87	6.682
1994	305700	120480.723	119774.909	705.814	0.231	0.586	4482.57	1766.64	1756.29	10.350
1995	303225	118666.569	117620.073	1046.496	0.345	0.882	4361.58	1706.89	1691.84	15.053
1996	299559	116607.195	115312.908	1294.286	0.432	1.110	4242.85	1651.58	1633.25	18.332
1997	294226	114665.051	113149.311	1515.741	0.515	1.322	4100.64	1598.09	1576.96	21.125
1998	289258	113038.380	111222.891	1815.489	0.628	1.606	3966.28	1549.97	1525.08	24.894
1999	311002	117067.463	114643.211	2424.252	0.779	2.071	4198.14	1580.27	1547.54	32.724
2000	303786	114977.407	112289.493	2687.915	0.885	2.338	4041.13	1529.49	1493.74	35.756
2001	296294	113047.319	110101.110	2946.208	0.994	2.606	3890.54	1484.39	1445.70	38.686
2002	291898	111744.742	108479.413	3265.329	1.119	2.922	3789.34	1450.64	1408.25	42.390
2003	285865	110551.854	106956.783	3595.070	1.258	3.252	3671.31	1419.80	1373.62	46.171
2004	274177	107418.262	103756.097	3662.165	1.336	3.409	3481.92	1364.16	1317.66	46.508
2005	272379	107678.770	103806.271	3872.499	1.422	3.596	3417.44	1351.01	1302.42	48.587
2006	264118	104357.806	100376.987	3980.819	1.507	3.815	3281.83	1296.71	1247.25	49.464
2007	258419	102690.449	98595.425	4095.024	1.585	3.988	3176.05	1262.10	1211.77	50.329
2008	259461	103492.166	98975.471	4516.695	1.741	4.364	3150.91	1256.82	1201.97	54.851
2009	253907	101384.044	96631.464	4752.580	1.872	4.688	3045.20	1215.94	1158.94	57.000

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2226365.294	46878.38	0.806	2.062	3927.78	1535.76	1504.09	31.670

****

Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63057.875	10.911	0.014	0.017	1213.84	975.702	975.533	0.169
1992	77987	62535.347	62497.461	37.886	0.049	0.061	1185.97	950.993	950.417	0.576
1993	78542	62883.111	62802.970	80.141	0.102	0.127	1173.36	939.428	938.231	1.197
1994	77437	61805.804	61673.472	132.332	0.171	0.214	1135.48	906.276	904.336	1.940
1995	76904	61145.799	60943.268	202.532	0.263	0.331	1106.18	879.519	876.605	2.913
1996	76232	60385.323	60134.826	250.496	0.329	0.415	1079.72	855.277	851.729	3.548
1997	75473	59549.806	59264.165	285.641	0.378	0.480	1051.87	829.947	825.966	3.981
1998	75381	59292.315	58909.285	383.030	0.508	0.646	1033.62	813.010	807.758	5.252
1999	73159	57398.351	56933.581	464.770	0.635	0.810	987.557	774.807	768.533	6.274
2000	73784	57716.549	57156.100	560.448	0.760	0.971	981.515	767.777	760.321	7.455
2001	73294	57211.877	56579.562	632.315	0.863	1.105	962.399	751.230	742.927	8.303
2002	72442	56438.810	55723.300	715.510	0.988	1.268	940.422	732.673	723.385	9.289
2003	71942	55948.341	55164.666	783.675	1.089	1.401	923.937	718.533	708.469	10.065
2004	71301	55339.218	54511.796	827.423	1.160	1.495	905.490	702.783	692.275	10.508
2005	70964	54964.459	54101.125	863.334	1.217	1.571	890.360	689.620	678.788	10.832
2006	69658	53781.526	52895.813	885.714	1.272	1.647	865.543	668.268	657.263	11.006
2007	68565	52784.985	51872.575	912.409	1.331	1.729	842.687	648.745	637.531	11.214
2008	68226	52470.692	51449.768	1020.924	1.496	1.946	828.542	637.208	624.810	12.398
2009	67509	51823.021	50734.528	1088.493	1.612	2.100	809.661	621.533	608.479	13.055

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1149850.543	10137.99	0.687	0.874	997.213	783.665	776.816	6.849

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Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37033.136	34.249	0.020	0.092	2599.72	573.449	572.919	0.530
1992	164548	35863.851	35734.214	129.637	0.079	0.361	2502.33	545.392	543.421	1.971
1993	164362	35459.800	35174.413	285.387	0.174	0.805	2455.45	529.744	525.480	4.263
1994	159866	34293.631	33863.397	430.234	0.269	1.255	2344.16	502.857	496.549	6.309
1995	158083	33531.695	32912.129	619.566	0.392	1.848	2273.86	482.318	473.407	8.912
1996	154875	32438.163	31676.971	761.192	0.491	2.347	2193.60	459.443	448.662	10.781
1997	149970	31179.663	30288.835	890.828	0.594	2.857	2090.14	434.552	422.136	12.415
1998	145407	29860.736	28853.701	1007.036	0.693	3.372	1993.81	409.447	395.639	13.808
1999	165952	34413.904	33007.200	1406.705	0.848	4.088	2240.15	464.545	445.557	18.989
2000	160260	33265.290	31761.836	1503.454	0.938	4.520	2131.87	442.513	422.513	20.000
2001	154444	32074.102	30446.055	1628.047	1.054	5.076	2027.95	421.154	399.777	21.377
2002	151887	31817.956	30037.896	1780.060	1.172	5.595	1971.76	413.052	389.944	23.108
2003	146733	31025.931	29059.138	1966.793	1.340	6.339	1884.46	398.460	373.201	25.259
2004	138381	29503.602	27510.471	1993.131	1.440	6.756	1757.38	374.682	349.370	25.312
2005	135881	29077.894	26978.669	2099.225	1.545	7.219	1704.85	364.830	338.492	26.338
2006	131922	28385.448	26182.400	2203.048	1.670	7.761	1639.21	352.707	325.332	27.374
2007	126502	27327.625	25071.165	2256.461	1.784	8.257	1554.75	335.866	308.133	27.733
2008	125859	27025.472	24595.106	2430.366	1.931	8.993	1528.44	328.199	298.685	29.515
2009	122428	26361.626	23808.258	2553.368	2.086	9.686	1468.33	316.165	285.542	30.624

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	612377.889	25978.78	0.867	4.070	2024.64	431.261	413.710	17.551

****

Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 11 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4484.966	3.016	0.009	0.067	504.630	69.431	69.384	0.047
1992	32100	4371.196	4353.277	17.919	0.056	0.410	488.154	66.474	66.202	0.272
1993	32896	4414.136	4370.061	44.076	0.134	0.999	491.442	65.944	65.286	0.658
1994	33323	4474.895	4402.149	72.746	0.218	1.626	488.625	65.617	64.550	1.067
1995	33569	4476.290	4365.883	110.408	0.329	2.467	482.855	64.387	62.799	1.588
1996	33870	4489.078	4344.944	144.134	0.426	3.211	479.723	63.582	61.540	2.041
1997	33516	4444.866	4265.233	179.633	0.536	4.041	467.113	61.948	59.445	2.504
1998	32795	4313.427	4123.820	189.606	0.578	4.396	449.682	59.145	56.545	2.600
1999	33375	4232.739	4010.840	221.898	0.665	5.242	450.521	57.137	54.141	2.995
2000	33459	4307.577	4071.094	236.483	0.707	5.490	445.090	57.302	54.156	3.146
2001	32275	4136.308	3892.268	244.041	0.756	5.900	423.792	54.312	51.108	3.204
2002	31586	4079.175	3824.899	254.275	0.805	6.234	410.041	52.955	49.654	3.301
2003	30985	4096.221	3799.054	297.167	0.959	7.255	397.934	52.607	48.790	3.816
2004	29884	4034.217	3732.200	302.017	1.011	7.486	379.513	51.233	47.397	3.835
2005	28708	3944.303	3634.922	309.381	1.078	7.844	360.189	49.488	45.606	3.882
2006	28188	3970.169	3633.956	336.213	1.193	8.468	350.253	49.332	45.154	4.178
2007	28026	3957.558	3601.787	355.770	1.269	8.990	344.449	48.640	44.267	4.373
2008	27128	3812.302	3455.571	356.730	1.315	9.357	329.444	46.297	41.965	4.332
2009	27068	3827.467	3436.448	391.019	1.445	10.216	324.637	45.904	41.215	4.690

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	80390.970	4066.533	0.647	4.815	424.421	57.058	54.311	2.747

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Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.114	4.317	0.013	0.022	527.418	301.804	301.737	0.067
1992	33942	19373.324	19356.545	16.779	0.049	0.087	516.166	294.616	294.361	0.255
1993	35913	20512.169	20474.484	37.685	0.105	0.184	536.514	306.437	305.874	0.563
1994	35074	19906.392	19835.891	70.502	0.201	0.354	514.300	291.893	290.859	1.034
1995	34669	19512.784	19398.794	113.991	0.329	0.584	498.677	280.671	279.031	1.640
1996	34582	19294.631	19156.166	138.464	0.400	0.718	489.808	273.283	271.321	1.961
1997	35267	19490.717	19331.077	159.639	0.453	0.819	491.517	271.643	269.418	2.225
1998	35675	19571.902	19336.085	235.817	0.661	1.205	489.172	268.368	265.134	3.233
1999	38516	21022.469	20691.590	330.879	0.859	1.574	519.919	283.777	279.311	4.466
2000	36283	19687.992	19300.463	387.529	1.068	1.968	482.656	261.900	256.745	5.155
2001	36281	19625.032	19183.226	441.806	1.218	2.251	476.394	257.690	251.889	5.801
2002	35983	19408.801	18893.318	515.482	1.433	2.656	467.122	251.960	245.268	6.692
2003	36205	19481.360	18933.925	547.435	1.512	2.810	464.974	250.195	243.165	7.031
2004	34611	18541.224	18001.630	539.595	1.559	2.910	439.544	235.465	228.613	6.853
2005	36826	19692.114	19091.554	600.559	1.631	3.050	462.043	247.070	239.535	7.535
2006	34350	18220.663	17664.819	555.844	1.618	3.051	426.820	226.403	219.496	6.907
2007	35326	18620.282	18049.898	570.383	1.615	3.063	434.168	228.849	221.839	7.010
2008	38248	20183.701	19475.025	708.675	1.853	3.511	464.487	245.112	236.506	8.606
2009	36902	19371.930	18652.230	719.700	1.950	3.715	442.580	232.335	223.703	8.632

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	383745.892	6695.082	0.939	1.715	481.512	263.774	259.251	4.523

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA6
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 12, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 12, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000300	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000400	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000600	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000900	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000300	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000400	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000600	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000900	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.004000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.004000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 12, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 12, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	1948.00	21.45	125.00	5.64			
5	All Ages	Current MRTP	104.00	1.15					
5	All Ages	Current Dual	163.00	1.80					
5	All Ages	Former	1979.00	21.80			14.83	108.00	5.46

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	9.00	3.02					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	219.00	25.95	3.00	1.16			
5	20-24	Current MRTP	17.00	2.01					
5	20-24	Current Dual	22.00	2.61					
5	20-24	Former	28.00	3.32			2.71	11.00	39.29
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	201.00	24.19	11.00	4.66			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	19.00	2.29					
5	25-29	Former	132.00	15.88			5.59	9.00	6.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	269.00	26.93	13.00	4.39			
5	30-34	Current MRTP	8.00	0.80					
5	30-34	Current Dual	19.00	1.90					
5	30-34	Former	181.00	18.12			7.80	12.00	6.63
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	287.00	25.58	11.00	3.41			
5	35-39	Current MRTP	13.00	1.16					
5	35-39	Current Dual	23.00	2.05					
5	35-39	Former	238.00	21.21			8.53	14.00	5.88
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	200.00	20.62	10.00	4.65			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	8.00	0.82					
5	40-44	Former	258.00	26.60			11.37	15.00	5.81
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	160.00	19.73	9.00	4.95			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	15.00	1.85					
5	45-49	Former	207.00	25.52			11.11	14.00	6.76
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	144.00	23.19	10.00	6.33			
5	50-54	Current MRTP	3.00	0.48					
5	50-54	Current Dual	11.00	1.77					
5	50-54	Former	162.00	26.09			15.64	10.00	6.17
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	115.00	21.50	7.00	5.34			
5	55-59	Current MRTP	6.00	1.12					
5	55-59	Current Dual	10.00	1.87					
5	55-59	Former	152.00	28.41			15.35	5.00	3.29
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	96.00	19.67	7.00	6.67			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	133.00	27.25			21.05	4.00	3.01
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	104.00	19.40	15.00	12.61			
5	65-69	Current MRTP	3.00	0.56					
5	65-69	Current Dual	12.00	2.24					
5	65-69	Former	157.00	29.29			21.68	7.00	4.46
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	74.00	13.73	15.00	17.44			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	6.00	1.11					
5	70-74	Former	173.00	32.10			25.05	5.00	2.89

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	14.00	22.95			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	7.00	1.44					
5	75-79	Former	158.00	32.51			28.15	2.00	1.27

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1705.00	18.72	188.00	8.66			
10	All Ages	Current MRTP	204.00	2.24					
10	All Ages	Current Dual	262.00	2.88					
10	All Ages	Former	2040.00	22.40			16.00	121.00	5.93

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	136.00	16.73	1.00	0.51			
10	20-24	Current MRTP	26.00	3.20					
10	20-24	Current Dual	35.00	4.31					
10	20-24	Former	15.00	1.85			2.20	6.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	194.00	22.99	4.00	1.52			
10	25-29	Current MRTP	29.00	3.44					
10	25-29	Current Dual	41.00	4.86					
10	25-29	Former	57.00	6.75			4.68	12.00	21.05

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	177.00	21.30	14.00	5.93			
10	30-34	Current MRTP	21.00	2.53					
10	30-34	Current Dual	38.00	4.57					
10	30-34	Former	154.00	18.53			8.92	15.00	9.74

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	227.00	22.72	23.00	8.10			
10	35-39	Current MRTP	24.00	2.40					
10	35-39	Current Dual	33.00	3.30					
10	35-39	Former	205.00	20.52			10.72	17.00	8.29

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	233.00	20.77	21.00	7.50			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	28.00	2.50					
10	40-44	Former	281.00	25.04			11.20	16.00	5.69

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	165.00	17.01	22.00	11.17			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	15.00	1.55					
10	45-49	Former	276.00	28.45			14.91	9.00	3.26

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	137.00	16.89	19.00	11.45			
10	50-54	Current MRTP	13.00	1.60					
10	50-54	Current Dual	16.00	1.97					
10	50-54	Former	223.00	27.50			14.28	8.00	3.59
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	118.00	19.00	15.00	10.34			
10	55-59	Current MRTP	10.00	1.61					
10	55-59	Current Dual	17.00	2.74					
10	55-59	Former	175.00	28.18			18.41	5.00	2.86
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	93.00	17.38	11.00	9.40			
10	60-64	Current MRTP	10.00	1.87					
10	60-64	Current Dual	14.00	2.62					
10	60-64	Former	166.00	31.03			18.08	7.00	4.22
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	83.00	17.01	12.00	12.37			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	8.00	1.64					
10	65-69	Former	141.00	28.89			23.57	5.00	3.55
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	79.00	14.74	18.00	17.31			
10	70-74	Current MRTP	12.00	2.24					
10	70-74	Current Dual	13.00	2.43					
10	70-74	Former	172.00	32.09			23.55	10.00	5.81
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	63.00	11.69	28.00	33.33			
10	75-79	Current MRTP	17.00	3.15					
10	75-79	Current Dual	4.00	0.74					
10	75-79	Former	175.00	32.47			26.96	11.00	6.29
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1364.00	15.92	237.00	11.89			
15	All Ages	Current MRTP	261.00	3.05					
15	All Ages	Current Dual	369.00	4.31					
15	All Ages	Former	2053.00	23.96			17.32	119.00	5.80
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	138.00	16.97	3.00	1.30			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	50.00	6.15					
15	25-29	Former	37.00	4.55			3.43	15.00	40.54
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	164.00	19.43	10.00	3.73			
15	30-34	Current MRTP	50.00	5.92					
15	30-34	Current Dual	54.00	6.40					
15	30-34	Former	86.00	10.19			6.79	14.00	16.28
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	147.00	17.69	24.00	10.96			
15	35-39	Current MRTP	26.00	3.13					
15	35-39	Current Dual	46.00	5.54					
15	35-39	Former	178.00	21.42			11.71	16.00	8.99
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	187.00	18.72	34.00	12.73			
15	40-44	Current MRTP	29.00	2.90					
15	40-44	Current Dual	51.00	5.11					
15	40-44	Former	222.00	22.22			13.95	10.00	4.50
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	192.00	17.11	26.00	9.96			
15	45-49	Current MRTP	30.00	2.67					
15	45-49	Current Dual	39.00	3.48					
15	45-49	Former	300.00	26.74			14.78	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	132.00	13.61	30.00	16.30			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	30.00	3.09					
15	50-54	Former	289.00	29.79			18.24	7.00	2.42
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	111.00	13.69	21.00	14.79			
15	55-59	Current MRTP	10.00	1.23					
15	55-59	Current Dual	21.00	2.59					
15	55-59	Former	247.00	30.46			16.84	15.00	6.07
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	91.00	14.65	19.00	14.39			
15	60-64	Current MRTP	17.00	2.74					
15	60-64	Current Dual	24.00	3.86					
15	60-64	Former	188.00	30.27			21.03	2.00	1.06
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	82.00	15.33	24.00	20.87			
15	65-69	Current MRTP	12.00	2.24					
15	65-69	Current Dual	21.00	3.93					
15	65-69	Former	168.00	31.40			21.72	6.00	3.57
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	60.00	12.30	20.00	23.53			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	16.00	3.28					
15	70-74	Former	153.00	31.35			23.73	13.00	8.50
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	60.00	11.19	26.00	28.57			
15	75-79	Current MRTP	14.00	2.61					
15	75-79	Current Dual	17.00	3.17					
15	75-79	Former	185.00	34.51			24.68	11.00	5.95
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1094.00	13.62	253.00	14.38			

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	280.00	3.49					
20	All Ages	Current Dual	385.00	4.79					
20	All Ages	Former	2049.00	25.50			18.84	113.00	5.51
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	129.00	15.87	4.00	1.75			
20	30-34	Current MRTP	45.00	5.54					
20	30-34	Current Dual	54.00	6.64					
20	30-34	Former	64.00	7.87			5.42	12.00	18.75
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	135.00	16.00	13.00	5.08			
20	35-39	Current MRTP	55.00	6.52					
20	35-39	Current Dual	66.00	7.82					
20	35-39	Former	110.00	13.03			9.48	10.00	9.09
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	120.00	14.44	22.00	11.00			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	51.00	6.14					
20	40-44	Former	197.00	23.71			14.89	8.00	4.06
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	163.00	16.32	37.00	15.23			
20	45-49	Current MRTP	31.00	3.10					
20	45-49	Current Dual	49.00	4.90					
20	45-49	Former	246.00	24.62			16.55	10.00	4.07
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	162.00	14.44	38.00	15.90			
20	50-54	Current MRTP	31.00	2.76					
20	50-54	Current Dual	46.00	4.10					
20	50-54	Former	322.00	28.70			17.58	16.00	4.97
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	110.00	11.34	36.00	21.56			
20	55-59	Current MRTP	28.00	2.89					
20	55-59	Current Dual	29.00	2.99					
20	55-59	Former	306.00	31.55			20.99	10.00	3.27
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	87.00	10.73	32.00	23.88			
20	60-64	Current MRTP	20.00	2.47					

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	27.00	3.33					
20	60-64	Former	255.00	31.44			20.04	7.00	2.75

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	75.00	12.08	21.00	17.95			
20	65-69	Current MRTP	17.00	2.74					
20	65-69	Current Dual	25.00	4.03					
20	65-69	Former	203.00	32.69			23.15	10.00	4.93

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	64.00	11.96	24.00	24.24			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	23.00	4.30					
20	70-74	Former	184.00	34.39			23.52	16.00	8.70

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	49.00	10.04	26.00	34.21			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	15.00	3.07					
20	75-79	Former	162.00	33.20			24.56	14.00	8.64

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Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59112.107	15.754	0.008	0.027	2826.86	839.248	839.024	0.224
1992	198532	60226.142	60206.098	20.044	0.010	0.033	2778.64	842.922	842.642	0.281
1993	202512	62332.320	62271.371	60.948	0.030	0.098	2793.47	859.818	858.977	0.841
1994	200658	62691.239	62618.200	73.039	0.036	0.117	2725.82	851.622	850.630	0.992
1995	201023	63132.954	63006.950	126.005	0.063	0.200	2687.54	844.043	842.359	1.685
1996	201180	64309.880	64194.112	115.768	0.058	0.180	2653.67	848.280	846.753	1.527
1997	198639	64547.894	64326.999	220.895	0.111	0.342	2583.39	839.475	836.602	2.873
1998	197573	65384.866	65021.248	363.618	0.184	0.556	2533.29	838.367	833.705	4.662
1999	211329	67554.762	66982.757	572.004	0.271	0.847	2673.14	854.513	847.278	7.235
2000	208496	68184.366	67477.005	707.361	0.339	1.037	2604.20	851.652	842.816	8.835
2001	203606	68286.060	67381.968	904.093	0.444	1.324	2514.65	843.372	832.206	11.166
2002	200828	68983.996	67933.785	1050.211	0.523	1.522	2455.47	843.450	830.610	12.841
2003	196352	68717.830	67378.599	1339.232	0.682	1.949	2377.49	832.057	815.842	16.216
2004	188160	67344.952	65621.456	1723.496	0.916	2.559	2254.66	806.974	786.321	20.652
2005	186416	67846.650	65831.818	2014.832	1.081	2.970	2208.07	803.634	779.768	23.865
2006	180088	66622.465	64021.004	2601.461	1.445	3.905	2113.55	781.893	751.362	30.531
2007	175644	65977.201	63007.651	2969.550	1.691	4.501	2039.92	766.256	731.768	34.488
2008	177570	67121.344	63839.774	3281.570	1.848	4.889	2039.03	770.751	733.069	37.682
2009	172806	66622.993	62900.267	3722.726	2.154	5.588	1961.22	756.123	713.872	42.250

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1280433.758	21882.61	0.561	1.680	2465.77	823.300	809.466	13.834

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Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31524.250	5.769	0.013	0.018	620.154	447.530	447.448	0.082
1992	45423	32811.446	32807.411	4.036	0.009	0.012	635.738	459.227	459.171	0.056
1993	46291	33467.735	33456.901	10.834	0.023	0.032	638.542	461.657	461.507	0.149
1994	47017	33989.389	33981.693	7.695	0.016	0.023	638.697	461.725	461.621	0.105
1995	47840	34566.580	34546.706	19.874	0.042	0.057	639.587	462.131	461.865	0.266
1996	48244	34997.958	34993.270	4.688	0.010	0.013	636.363	461.641	461.579	0.062
1997	49035	35549.658	35517.256	32.401	0.066	0.091	637.723	462.340	461.918	0.421
1998	49686	36138.033	36070.876	67.157	0.135	0.186	637.076	463.363	462.502	0.861
1999	48883	35506.142	35405.890	100.251	0.205	0.282	618.331	449.124	447.856	1.268
2000	50331	36573.306	36432.741	140.565	0.279	0.384	628.656	456.816	455.060	1.756
2001	50389	36733.445	36544.401	189.045	0.375	0.515	622.333	453.679	451.344	2.335
2002	51445	37627.700	37384.349	243.351	0.473	0.647	629.005	460.065	457.089	2.975
2003	51408	37552.784	37209.846	342.938	0.667	0.913	622.464	454.701	450.549	4.152
2004	51399	37527.823	37055.100	472.724	0.920	1.260	615.898	449.684	444.020	5.664
2005	51421	37486.186	36936.746	549.441	1.069	1.466	609.074	444.018	437.510	6.508
2006	51355	37409.496	36642.353	767.143	1.494	2.051	602.712	439.045	430.041	9.003
2007	51839	37602.867	36690.331	912.537	1.760	2.427	602.056	436.718	426.120	10.598
2008	50976	36986.957	36009.150	977.807	1.918	2.644	585.355	424.719	413.491	11.228
2009	51193	37201.944	36036.623	1165.322	2.276	3.132	581.003	422.215	408.990	13.226

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	705891.262	6013.577	0.613	0.845	619.890	450.053	446.251	3.802

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Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12660.016	2.964	0.003	0.023	1368.32	179.735	179.693	0.042
1992	93721	12337.995	12327.298	10.698	0.011	0.087	1311.71	172.682	172.532	0.150
1993	93679	12401.934	12367.458	34.476	0.037	0.278	1292.22	171.073	170.598	0.476
1994	90832	12128.576	12076.681	51.895	0.057	0.428	1233.90	164.759	164.054	0.705
1995	89698	11958.696	11883.552	75.144	0.084	0.628	1199.20	159.879	158.875	1.005
1996	88286	12020.749	11921.664	99.085	0.112	0.824	1164.54	158.560	157.253	1.307
1997	84777	11593.724	11444.919	148.805	0.176	1.283	1102.56	150.782	148.846	1.935
1998	82517	11337.035	11121.066	215.969	0.262	1.905	1058.04	145.364	142.595	2.769
1999	93939	13027.458	12679.418	348.039	0.370	2.672	1188.25	164.787	160.384	4.402
2000	90039	12607.547	12217.092	390.455	0.434	3.097	1124.63	157.474	152.597	4.877
2001	86119	12350.451	11851.322	499.129	0.580	4.041	1063.62	152.535	146.371	6.165
2002	83014	12112.097	11552.740	559.356	0.674	4.618	1014.99	148.092	141.252	6.839
2003	79302	11683.252	11041.847	641.405	0.809	5.490	960.214	141.465	133.698	7.766
2004	73861	11139.095	10367.732	771.363	1.044	6.925	885.053	133.476	124.233	9.243
2005	71649	10884.683	10018.359	866.324	1.209	7.959	848.672	128.927	118.666	10.261
2006	67551	10397.565	9367.539	1030.025	1.525	9.906	792.791	122.028	109.939	12.089
2007	63503	9785.831	8656.794	1129.037	1.778	11.537	737.521	113.652	100.540	13.113
2008	63171	9922.524	8686.986	1235.539	1.956	12.452	725.389	113.940	99.752	14.188
2009	59747	9483.598	8159.725	1323.873	2.216	13.960	678.085	107.632	92.607	15.025

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	223048.969	9433.580	0.571	4.058	1043.56	146.971	141.007	5.964

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Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 12 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3114.614	1.401	0.004	0.045	461.369	44.228	44.208	0.020
1992	32560	3095.448	3092.778	2.670	0.008	0.086	455.708	43.324	43.286	0.037
1993	32768	3114.516	3104.703	9.813	0.030	0.315	452.005	42.962	42.827	0.135
1994	33005	3168.398	3153.038	15.361	0.047	0.485	448.353	43.041	42.832	0.209
1995	33730	3200.274	3177.237	23.037	0.068	0.720	450.946	42.785	42.477	0.308
1996	33750	3234.738	3202.656	32.082	0.095	0.992	445.180	42.668	42.245	0.423
1997	33699	3240.665	3198.589	42.076	0.125	1.298	438.271	42.146	41.599	0.547
1998	33274	3171.578	3107.354	64.224	0.193	2.025	426.640	40.666	39.843	0.823
1999	33891	3153.786	3058.891	94.895	0.280	3.009	428.694	39.893	38.693	1.200
2000	33827	3237.043	3114.208	122.835	0.363	3.795	422.514	40.432	38.898	1.534
2001	32506	3110.972	2959.054	151.918	0.467	4.883	401.468	38.422	36.546	1.876
2002	32078	3123.298	2948.907	174.390	0.544	5.584	392.210	38.188	36.056	2.132
2003	30568	3025.984	2828.486	197.498	0.646	6.527	370.127	36.640	34.248	2.391
2004	29388	2983.453	2739.030	244.424	0.832	8.193	352.147	35.750	32.821	2.929
2005	27954	2926.679	2649.844	276.835	0.990	9.459	331.111	34.666	31.387	3.279
2006	27201	2889.308	2561.575	327.733	1.205	11.343	319.236	33.909	30.063	3.846
2007	26302	2810.025	2444.110	365.915	1.391	13.022	305.470	32.636	28.386	4.250
2008	25998	2773.025	2385.449	387.576	1.491	13.977	298.534	31.843	27.392	4.451
2009	25040	2723.293	2296.090	427.203	1.706	15.687	284.186	30.907	26.059	4.848

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	58329.856	2961.887	0.475	4.832	394.195	38.747	36.875	1.872

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Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11813.227	5.620	0.021	0.048	377.015	167.754	167.674	0.080
1992	26828	11981.252	11978.611	2.641	0.010	0.022	375.483	167.689	167.652	0.037
1993	29774	13348.134	13342.309	5.825	0.020	0.044	410.705	184.125	184.045	0.080
1994	29804	13404.876	13406.788	-1.912	-0.006	-0.014	404.869	182.097	182.123	-0.026
1995	29755	13407.404	13399.456	7.949	0.027	0.059	397.803	179.248	179.141	0.106
1996	30900	14056.435	14076.522	-20.087	-0.065	-0.143	407.587	185.412	185.676	-0.265
1997	31128	14163.848	14166.235	-2.387	-0.008	-0.017	404.834	184.207	184.238	-0.031
1998	32096	14738.220	14721.952	16.269	0.051	0.110	411.536	188.974	188.765	0.209
1999	34616	15867.376	15838.558	28.818	0.083	0.182	437.865	200.710	200.345	0.365
2000	34299	15766.470	15712.963	53.506	0.156	0.339	428.409	196.930	196.262	0.668
2001	34592	16091.193	16027.192	64.001	0.185	0.398	427.231	198.736	197.945	0.790
2002	34291	16120.902	16047.788	73.114	0.213	0.454	419.268	197.106	196.212	0.894
2003	35074	16455.810	16298.420	157.391	0.449	0.956	424.687	199.252	197.346	1.906
2004	33512	15694.580	15459.595	234.985	0.701	1.497	401.564	188.063	185.247	2.816
2005	35392	16549.102	16226.869	322.233	0.910	1.947	419.213	196.022	192.205	3.817
2006	33981	15926.096	15449.537	476.559	1.402	2.992	398.807	186.912	181.319	5.593
2007	34000	15778.477	15216.416	562.061	1.653	3.562	394.875	183.251	176.723	6.528
2008	37425	17438.838	16758.190	680.648	1.819	3.903	429.749	200.249	192.433	7.816
2009	36826	17214.158	16407.829	806.329	2.190	4.684	417.948	195.368	186.217	9.151

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293163.670	3473.563	0.538	1.171	408.132	187.528	185.333	2.196

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA7
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 13, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 13, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA7

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000200	0.000400	0.000500	0.000200	0.000400	0.000500
15-19	1-24	0.000200	0.000400	0.001500	0.000200	0.000400	0.001500
20-24	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
25-29	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
30-34	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
35-39	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
40-44	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
45-49	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
50-54	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
55-59	1-24	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
60-64	1-24	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
65-69	1-24	0.000200	0.000400	0.003000	0.000200	0.000400	0.003000
70-74	1-24	0.000200	0.000400	0.003500	0.000200	0.000400	0.003500
75-79	1-24	0.000200	0.000400	0.004000	0.000200	0.000400	0.004000
10-14	25+	0.000200	0.000400	0.000500	0.000200	0.000400	0.000500
15-19	25+	0.000200	0.000400	0.001500	0.000200	0.000400	0.001500
20-24	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
25-29	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
30-34	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
35-39	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
40-44	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
45-49	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
50-54	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
55-59	25+	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
60-64	25+	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
65-69	25+	0.000200	0.000400	0.003000	0.000200	0.000400	0.003000
70-74	25+	0.000200	0.000400	0.003500	0.000200	0.000400	0.003500
75-79	25+	0.000200	0.000400	0.004000	0.000200	0.000400	0.004000

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 13, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 13, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2461.00	26.82	146.00	5.45			
5	All Ages	Current MRTP	132.00	1.44					
5	All Ages	Current Dual	87.00	0.95					
5	All Ages	Former	2596.00	28.29			15.51	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	5.00	1.62			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	9.00	2.38			
5	30-34	Current MRTP	16.00	1.49					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	234.00	27.24	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	8.00	0.93					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2257.00	24.07	243.00	8.98			
10	All Ages	Current MRTP	270.00	2.88					
10	All Ages	Current Dual	179.00	1.91					
10	All Ages	Former	2596.00	27.69			17.22	164.00	6.32

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	239.00	26.12	5.00	1.66			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	36.00	3.93					
10	25-29	Former	60.00	6.56			4.87	17.00	28.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	248.00	25.89	12.00	3.77			
10	30-34	Current MRTP	45.00	4.70					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	141.00	14.72			8.04	13.00	9.22

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	20.00	5.57			
10	35-39	Current MRTP	29.00	2.70					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	26.00	8.23			
10	40-44	Current MRTP	22.00	2.03					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	289.00	26.69			10.89	22.00	7.61

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	207.00	24.10	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	119.00	22.71	18.00	13.53			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.33			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	255.00	49.51			21.62	16.00	6.27
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1973.00	22.10	304.00	11.97			
15	All Ages	Current MRTP	362.00	4.06					
15	All Ages	Current Dual	205.00	2.30					
15	All Ages	Former	2519.00	28.22			18.73	139.00	5.52
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	174.00	19.42	2.00	0.70			
15	25-29	Current MRTP	59.00	6.58					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.17	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	217.00	23.72	11.00	3.64			
15	30-34	Current MRTP	42.00	4.59					
15	30-34	Current Dual	43.00	4.70					
15	30-34	Former	88.00	9.62			6.73	15.00	17.05
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	225.00	23.49	22.00	7.26			
15	35-39	Current MRTP	48.00	5.01					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	165.00	17.22			10.68	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	35.00	3.26					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	262.00	24.39			12.64	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	256.00	23.64	39.00	12.83			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	12.00	1.11					
15	45-49	Former	301.00	27.79			14.78	10.00	3.32
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	26.00	10.44			
15	50-54	Current MRTP	26.00	2.67					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	318.00	32.68			18.36	14.00	4.40
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	181.00	21.07	38.00	16.96			
15	55-59	Current MRTP	29.00	3.38					
15	55-59	Current Dual	14.00	1.63					
15	55-59	Former	327.00	38.07			20.18	19.00	5.81
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	107.00	20.42	29.00	22.14			
15	65-69	Current MRTP	15.00	2.86					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.41			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	255.00	49.51			24.83	8.00	3.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1629.00	19.33	352.00	15.51			

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	411.00	4.88					
20	All Ages	Current Dual	230.00	2.73					
20	All Ages	Former	2437.00	28.92			19.81	140.00	5.74
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	161.00	17.97	6.00	2.22			
20	30-34	Current MRTP	60.00	6.70					
20	30-34	Current Dual	49.00	5.47					
20	30-34	Former	79.00	8.82			6.09	15.00	18.99
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	186.00	20.33	13.00	4.56			
20	35-39	Current MRTP	56.00	6.12					
20	35-39	Current Dual	43.00	4.70					
20	35-39	Former	115.00	12.57			8.76	15.00	13.04
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	199.00	20.77	26.00	9.19			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	185.00	19.31			13.53	10.00	5.41
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	246.00	22.91	33.00	10.96			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	285.00	26.54			15.58	16.00	5.61
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	216.00	19.94	48.00	17.27			
20	50-54	Current MRTP	48.00	4.43					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	327.00	30.19			17.50	14.00	4.28
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	37.00	15.88			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	334.00	34.33			21.28	12.00	3.59
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	160.00	18.63	50.00	23.36			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	19.00	2.21					
20	60-64	Former	337.00	39.23			22.63	15.00	4.45

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	116.00	18.41	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	91.00	17.37	45.00	34.62			
20	70-74	Current MRTP	26.00	4.96					
20	70-74	Current Dual	13.00	2.48					
20	70-74	Former	239.00	45.61			25.45	11.00	4.60

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.74			
20	75-79	Current MRTP	28.00	5.44					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	260.00	50.49			25.82	14.00	5.38

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Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.413	342.803	0.110	0.278	4656.77	1841.55	1836.43	5.121
1994	305700	120480.723	119965.931	514.792	0.168	0.427	4482.57	1766.64	1759.10	7.549
1995	303225	118666.569	117908.412	758.157	0.250	0.639	4361.58	1706.89	1695.99	10.905
1996	299559	116607.195	115646.203	960.992	0.321	0.824	4242.85	1651.58	1637.97	13.611
1997	294226	114665.051	113552.940	1112.111	0.378	0.970	4100.64	1598.09	1582.59	15.500
1998	289258	113038.380	111694.177	1344.203	0.465	1.189	3966.28	1549.97	1531.54	18.432
1999	311002	117067.463	115250.830	1816.633	0.584	1.552	4198.14	1580.27	1555.74	24.522
2000	303786	114977.407	112935.183	2042.225	0.672	1.776	4041.13	1529.49	1502.32	27.167
2001	296294	113047.319	110826.882	2220.437	0.749	1.964	3890.54	1484.39	1455.23	29.156
2002	291898	111744.742	109306.874	2437.867	0.835	2.182	3789.34	1450.64	1418.99	31.648
2003	285865	110551.854	107885.986	2665.868	0.933	2.411	3671.31	1419.80	1385.56	34.237
2004	274177	107418.262	104689.776	2728.486	0.995	2.540	3481.92	1364.16	1329.51	34.651
2005	272379	107678.770	104746.027	2932.743	1.077	2.724	3417.44	1351.01	1314.21	36.796
2006	264118	104357.806	101369.254	2988.553	1.132	2.864	3281.83	1296.71	1259.58	37.135
2007	258419	102690.449	99550.516	3139.934	1.215	3.058	3176.05	1262.10	1223.51	38.591
2008	259461	103492.166	99936.729	3555.437	1.370	3.435	3150.91	1256.82	1213.64	43.177
2009	253907	101384.044	97552.930	3831.113	1.509	3.779	3045.20	1215.94	1169.99	45.948

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237669.873	35573.81	0.612	1.565	3927.78	1535.76	1511.73	24.033

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Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.706	66.405	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.093	102.711	0.133	0.166	1135.48	906.276	904.770	1.506
1995	76904	61145.799	60992.014	153.786	0.200	0.252	1106.18	879.519	877.307	2.212
1996	76232	60385.323	60191.544	193.778	0.254	0.321	1079.72	855.277	852.532	2.745
1997	75473	59549.806	59337.835	211.971	0.281	0.356	1051.87	829.947	826.993	2.954
1998	75381	59292.315	58998.864	293.451	0.389	0.495	1033.62	813.010	808.986	4.024
1999	73159	57398.351	57034.980	363.371	0.497	0.633	987.557	774.807	769.902	4.905
2000	73784	57716.549	57268.429	448.119	0.607	0.776	981.515	767.777	761.816	5.961
2001	73294	57211.877	56708.066	503.811	0.687	0.881	962.399	751.230	744.615	6.615
2002	72442	56438.810	55882.496	556.314	0.768	0.986	940.422	732.673	725.451	7.222
2003	71942	55948.341	55361.312	587.030	0.816	1.049	923.937	718.533	710.994	7.539
2004	71301	55339.218	54720.380	618.838	0.868	1.118	905.490	702.783	694.924	7.859
2005	70964	54964.459	54315.694	648.765	0.914	1.180	890.360	689.620	681.480	8.140
2006	69658	53781.526	53132.678	648.849	0.931	1.206	865.543	668.268	660.206	8.062
2007	68565	52784.985	52107.513	677.471	0.988	1.283	842.687	648.745	640.419	8.326
2008	68226	52470.692	51681.480	789.213	1.157	1.504	828.542	637.208	627.624	9.584
2009	67509	51823.021	50963.371	859.650	1.273	1.659	809.661	621.533	611.223	10.310

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152224.907	7763.622	0.526	0.669	997.213	783.665	778.420	5.245

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Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.109	208.691	0.127	0.589	2455.45	529.744	526.626	3.118
1994	159866	34293.631	33991.417	302.214	0.189	0.881	2344.16	502.857	498.426	4.431
1995	158083	33531.695	33095.913	435.782	0.276	1.300	2273.86	482.318	476.050	6.268
1996	154875	32438.163	31889.953	548.210	0.354	1.690	2193.60	459.443	451.678	7.765
1997	149970	31179.663	30537.250	642.412	0.428	2.060	2090.14	434.552	425.598	8.953
1998	145407	29860.736	29140.286	720.450	0.495	2.413	1993.81	409.447	399.569	9.879
1999	165952	34413.904	33399.822	1014.082	0.611	2.947	2240.15	464.545	450.857	13.689
2000	160260	33265.290	32174.560	1090.730	0.681	3.279	2131.87	442.513	428.003	14.509
2001	154444	32074.102	30906.119	1167.983	0.756	3.642	2027.95	421.154	405.818	15.336
2002	151887	31817.956	30540.727	1277.229	0.841	4.014	1971.76	413.052	396.471	16.581
2003	146733	31025.931	29590.659	1435.273	0.978	4.626	1884.46	398.460	380.027	18.433
2004	138381	29503.602	28031.383	1472.219	1.064	4.990	1757.38	374.682	355.986	18.697
2005	135881	29077.894	27492.493	1585.401	1.167	5.452	1704.85	364.830	344.939	19.891
2006	131922	28385.448	26718.207	1667.240	1.264	5.874	1639.21	352.707	331.990	20.716
2007	126502	27327.625	25576.333	1751.292	1.384	6.409	1554.75	335.866	314.342	21.524
2008	125859	27025.472	25113.969	1911.503	1.519	7.073	1528.44	328.199	304.986	23.213
2009	122428	26361.626	24297.840	2063.786	1.686	7.829	1468.33	316.165	291.413	24.752

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	618952.961	19403.71	0.647	3.040	2024.64	431.261	418.152	13.109

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Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 13 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.053	35.083	0.107	0.795	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.084	54.811	0.164	1.225	488.625	65.617	64.813	0.804
1995	33569	4476.290	4393.754	82.536	0.246	1.844	482.855	64.387	63.200	1.187
1996	33870	4489.078	4378.713	110.366	0.326	2.459	479.723	63.582	62.019	1.563
1997	33516	4444.866	4305.302	139.564	0.416	3.140	467.113	61.948	60.003	1.945
1998	32795	4313.427	4171.226	142.201	0.434	3.297	449.682	59.145	57.195	1.950
1999	33375	4232.739	4066.162	166.577	0.499	3.935	450.521	57.137	54.888	2.249
2000	33459	4307.577	4132.422	175.155	0.523	4.066	445.090	57.302	54.972	2.330
2001	32275	4136.308	3962.234	174.075	0.539	4.208	423.792	54.312	52.027	2.286
2002	31586	4079.175	3898.907	180.268	0.571	4.419	410.041	52.955	50.615	2.340
2003	30985	4096.221	3876.556	219.665	0.709	5.363	397.934	52.607	49.786	2.821
2004	29884	4034.217	3809.426	224.791	0.752	5.572	379.513	51.233	48.378	2.855
2005	28708	3944.303	3710.263	234.040	0.815	5.934	360.189	49.488	46.551	2.936
2006	28188	3970.169	3713.994	256.175	0.909	6.452	350.253	49.332	46.149	3.183
2007	28026	3957.558	3676.128	281.429	1.004	7.111	344.449	48.640	45.181	3.459
2008	27128	3812.302	3528.808	283.494	1.045	7.436	329.444	46.297	42.854	3.443
2009	27068	3827.467	3504.808	322.659	1.192	8.430	324.637	45.904	42.035	3.870

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81360.724	3096.779	0.493	3.667	424.421	57.058	54.966	2.092

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Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.545	32.624	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.336	55.056	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.731	86.054	0.248	0.441	498.677	280.671	279.433	1.238
1996	34582	19294.631	19185.992	108.638	0.314	0.563	489.808	273.283	271.744	1.539
1997	35267	19490.717	19372.553	118.164	0.335	0.606	491.517	271.643	269.996	1.647
1998	35675	19571.902	19383.801	188.101	0.527	0.961	489.172	268.368	265.789	2.579
1999	38516	21022.469	20749.866	272.602	0.708	1.297	519.919	283.777	280.098	3.680
2000	36283	19687.992	19359.771	328.220	0.905	1.667	482.656	261.900	257.534	4.366
2001	36281	19625.032	19250.463	374.568	1.032	1.909	476.394	257.690	252.771	4.918
2002	35983	19408.801	18984.744	424.056	1.178	2.185	467.122	251.960	246.455	5.505
2003	36205	19481.360	19057.459	423.901	1.171	2.176	464.974	250.195	244.751	5.444
2004	34611	18541.224	18128.586	412.638	1.192	2.226	439.544	235.465	230.225	5.240
2005	36826	19692.114	19227.577	464.537	1.261	2.359	462.043	247.070	241.242	5.828
2006	34350	18220.663	17804.374	416.289	1.212	2.285	426.820	226.403	221.230	5.173
2007	35326	18620.282	18190.541	429.741	1.216	2.308	434.168	228.849	223.568	5.282
2008	38248	20183.701	19612.473	571.228	1.493	2.830	464.487	245.112	238.175	6.937
2009	36902	19371.930	18786.911	585.019	1.585	3.020	442.580	232.335	225.319	7.016

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385131.281	5309.693	0.745	1.360	481.512	263.774	260.187	3.587

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA7
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 14, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 14, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA7

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000200	0.000400	0.000500	0.000200	0.000400	0.000500
15-19	1-24	0.000200	0.000400	0.001500	0.000200	0.000400	0.001500
20-24	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
25-29	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
30-34	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
35-39	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
40-44	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
45-49	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
50-54	1-24	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
55-59	1-24	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
60-64	1-24	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
65-69	1-24	0.000200	0.000400	0.003000	0.000200	0.000400	0.003000
70-74	1-24	0.000200	0.000400	0.003500	0.000200	0.000400	0.003500
75-79	1-24	0.000200	0.000400	0.004000	0.000200	0.000400	0.004000
10-14	25+	0.000200	0.000400	0.000500	0.000200	0.000400	0.000500
15-19	25+	0.000200	0.000400	0.001500	0.000200	0.000400	0.001500
20-24	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
25-29	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
30-34	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
35-39	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
40-44	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
45-49	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
50-54	25+	0.000200	0.000400	0.002000	0.000200	0.000400	0.002000
55-59	25+	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
60-64	25+	0.000200	0.000400	0.002500	0.000200	0.000400	0.002500
65-69	25+	0.000200	0.000400	0.003000	0.000200	0.000400	0.003000
70-74	25+	0.000200	0.000400	0.003500	0.000200	0.000400	0.003500
75-79	25+	0.000200	0.000400	0.004000	0.000200	0.000400	0.004000

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 14, Scenario: NULL

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		F (Females)
3. Year of start of process		1990
4. Number of simulations		1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 14, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	113.00	1.24					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1991.00	21.93			14.75	111.00	5.58

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.16			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	28.00	3.32			2.93	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	160.00	29.85			21.33	7.00	4.38
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1851.00	20.32	187.00	8.49			
10	All Ages	Current MRTP	230.00	2.52					
10	All Ages	Current Dual	121.00	1.33					
10	All Ages	Former	2009.00	22.06			16.23	107.00	5.33

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	29.00	3.57					
10	20-24	Former	18.00	2.21			2.67	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.86			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	52.00	6.16			4.96	12.00	23.08

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	186.00	22.38	14.00	6.11			
10	30-34	Current MRTP	26.00	3.13					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	161.00	19.37			8.86	11.00	6.83

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	18.00	6.25			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	7.00	0.62					
10	40-44	Former	273.00	24.33			11.41	17.00	6.23

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	152.00	18.74	20.00	11.36			
10	50-54	Current MRTP	20.00	2.47					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	14.00	2.61					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	174.00	32.46			23.39	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	26.00	31.71			
10	75-79	Current MRTP	17.00	3.15					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	177.00	32.84			26.80	11.00	6.21
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1556.00	18.16	239.00	11.89			
15	All Ages	Current MRTP	291.00	3.40					
15	All Ages	Current Dual	163.00	1.90					
15	All Ages	Former	2037.00	23.77			17.34	130.00	6.38
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	2.00	0.87			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	40.00	4.92					
15	25-29	Former	37.00	4.55			4.03	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.30			
15	30-34	Current MRTP	54.00	6.40					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.67	15.00	18.52

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	159.00	19.13	24.00	11.48			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	19.00	2.29					
15	35-39	Former	188.00	22.62			11.69	12.00	6.38

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.45			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	23.00	2.30					
15	40-44	Former	216.00	21.62			14.19	9.00	4.17

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	227.00	20.23	25.00	9.26			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	12.00	1.07					
15	45-49	Former	291.00	25.94			14.90	14.00	4.81

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	153.00	15.77	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	11.00	1.13					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	133.00	16.40	26.00	16.25			
15	55-59	Current MRTP	21.00	2.59					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	185.00	34.51			24.64	12.00	6.49

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1302.00	16.21	261.00	14.68			

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	309.00	3.85					
20	All Ages	Current Dual	167.00	2.08					
20	All Ages	Former	2030.00	25.27			18.87	120.00	5.91
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	139.00	17.10	4.00	1.73			
20	30-34	Current MRTP	50.00	6.15					
20	30-34	Current Dual	42.00	5.17					
20	30-34	Former	61.00	7.50			5.90	12.00	19.67
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	159.00	18.84	12.00	4.72			
20	35-39	Current MRTP	61.00	7.23					
20	35-39	Current Dual	34.00	4.03					
20	35-39	Former	112.00	13.27			8.53	17.00	15.18
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	136.00	16.37	28.00	14.81			
20	40-44	Current MRTP	36.00	4.33					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	208.00	25.03			14.95	6.00	2.88
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	200.00	20.02	37.00	14.68			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	23.00	2.30					
20	45-49	Former	237.00	23.72			16.90	8.00	3.38
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	33.00	13.31			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	15.00	1.34					
20	50-54	Former	313.00	27.90			17.75	16.00	5.11
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.50			
20	60-64	Current MRTP	28.00	3.45					

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	238.00	29.35			20.57	11.00	4.62

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62279.201	53.119	0.026	0.085	2793.47	859.818	859.085	0.733
1994	200658	62691.239	62617.612	73.627	0.037	0.117	2725.82	851.622	850.622	1.000
1995	201023	63132.954	63012.833	120.122	0.060	0.190	2687.54	844.043	842.437	1.606
1996	201180	64309.880	64219.834	90.046	0.045	0.140	2653.67	848.280	847.092	1.188
1997	198639	64547.894	64416.968	130.926	0.066	0.203	2583.39	839.475	837.772	1.703
1998	197573	65384.866	65127.757	257.109	0.130	0.393	2533.29	838.367	835.070	3.297
1999	211329	67554.762	67147.239	407.523	0.193	0.603	2673.14	854.513	849.359	5.155
2000	208496	68184.366	67659.300	525.066	0.252	0.770	2604.20	851.652	845.093	6.558
2001	203606	68286.060	67612.432	673.628	0.331	0.986	2514.65	843.372	835.053	8.320
2002	200828	68983.996	68236.320	747.676	0.372	1.084	2455.47	843.450	834.309	9.142
2003	196352	68717.830	67742.008	975.822	0.497	1.420	2377.49	832.057	820.242	11.816
2004	188160	67344.952	66048.955	1295.997	0.689	1.924	2254.66	806.974	791.444	15.530
2005	186416	67846.650	66328.439	1518.211	0.814	2.238	2208.07	803.634	785.651	17.983
2006	180088	66622.465	64642.611	1979.854	1.099	2.972	2113.55	781.893	758.658	23.236
2007	175644	65977.201	63654.589	2322.612	1.322	3.520	2039.92	766.256	739.282	26.975
2008	177570	67121.344	64595.634	2525.709	1.422	3.763	2039.03	770.751	741.748	29.003
2009	172806	66622.993	63743.517	2879.475	1.666	4.322	1961.22	756.123	723.443	32.680

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285716.983	16599.38	0.426	1.275	2465.77	823.300	812.806	10.494

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Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.224	10.512	0.023	0.031	638.542	461.657	461.512	0.145
1994	47017	33989.389	33977.707	11.682	0.025	0.034	638.697	461.725	461.566	0.159
1995	47840	34566.580	34544.589	21.991	0.046	0.064	639.587	462.131	461.837	0.294
1996	48244	34997.958	34994.080	3.877	0.008	0.011	636.363	461.641	461.590	0.051
1997	49035	35549.658	35533.927	15.730	0.032	0.044	637.723	462.340	462.135	0.205
1998	49686	36138.033	36090.824	47.209	0.095	0.131	637.076	463.363	462.758	0.605
1999	48883	35506.142	35436.429	69.713	0.143	0.196	618.331	449.124	448.242	0.882
2000	50331	36573.306	36466.262	107.044	0.213	0.293	628.656	456.816	455.479	1.337
2001	50389	36733.445	36590.607	142.838	0.283	0.389	622.333	453.679	451.915	1.764
2002	51445	37627.700	37455.590	172.110	0.335	0.457	629.005	460.065	457.960	2.104
2003	51408	37552.784	37304.307	248.477	0.483	0.662	622.464	454.701	451.692	3.009
2004	51399	37527.823	37174.594	353.229	0.687	0.941	615.898	449.684	445.452	4.233
2005	51421	37486.186	37074.797	411.389	0.800	1.097	609.074	444.018	439.146	4.873
2006	51355	37409.496	36825.041	584.455	1.138	1.562	602.712	439.045	432.185	6.859
2007	51839	37602.867	36890.338	712.530	1.375	1.895	602.056	436.718	428.443	8.275
2008	50976	36986.957	36238.157	748.800	1.469	2.024	585.355	424.719	416.121	8.598
2009	51193	37201.944	36305.730	896.214	1.751	2.409	581.003	422.215	412.044	10.171

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707339.403	4565.436	0.466	0.641	619.890	450.053	447.167	2.886

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Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.264	28.670	0.031	0.231	1292.22	171.073	170.678	0.395
1994	90832	12128.576	12082.566	46.010	0.051	0.379	1233.90	164.759	164.134	0.625
1995	89698	11958.696	11892.748	65.948	0.074	0.551	1199.20	159.879	158.998	0.882
1996	88286	12020.749	11944.812	75.937	0.086	0.632	1164.54	158.560	157.558	1.002
1997	84777	11593.724	11495.571	98.152	0.116	0.847	1102.56	150.782	149.505	1.277
1998	82517	11337.035	11184.743	152.292	0.185	1.343	1058.04	145.364	143.411	1.953
1999	93939	13027.458	12776.513	250.944	0.267	1.926	1188.25	164.787	161.613	3.174
2000	90039	12607.547	12326.313	281.234	0.312	2.231	1124.63	157.474	153.961	3.513
2001	86119	12350.451	11989.009	361.442	0.420	2.927	1063.62	152.535	148.071	4.464
2002	83014	12112.097	11715.205	396.892	0.478	3.277	1014.99	148.092	143.239	4.853
2003	79302	11683.252	11220.824	462.428	0.583	3.958	960.214	141.465	135.865	5.599
2004	73861	11139.095	10566.070	573.025	0.776	5.144	885.053	133.476	126.610	6.866
2005	71649	10884.683	10237.187	647.496	0.904	5.949	848.672	128.927	121.258	7.669
2006	67551	10397.565	9628.703	768.862	1.138	7.395	792.791	122.028	113.004	9.024
2007	63503	9785.831	8917.310	868.521	1.368	8.875	737.521	113.652	103.565	10.087
2008	63171	9922.524	8983.649	938.875	1.486	9.462	725.389	113.940	103.159	10.781
2009	59747	9483.598	8474.885	1008.713	1.688	10.636	678.085	107.632	96.184	11.448

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225450.418	7032.131	0.426	3.025	1043.56	146.971	142.526	4.446

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Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 14 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.442	8.074	0.025	0.259	452.005	42.962	42.851	0.111
1994	33005	3168.398	3155.299	13.099	0.040	0.413	448.353	43.041	42.863	0.178
1995	33730	3200.274	3179.280	20.994	0.062	0.656	450.946	42.785	42.505	0.281
1996	33750	3234.738	3208.566	26.173	0.078	0.809	445.180	42.668	42.323	0.345
1997	33699	3240.665	3213.982	26.682	0.079	0.823	438.271	42.146	41.799	0.347
1998	33274	3171.578	3126.977	44.601	0.134	1.406	426.640	40.666	40.094	0.572
1999	33891	3153.786	3085.484	68.302	0.202	2.166	428.694	39.893	39.029	0.864
2000	33827	3237.043	3148.623	88.420	0.261	2.731	422.514	40.432	39.328	1.104
2001	32506	3110.972	3000.271	110.700	0.341	3.558	401.468	38.422	37.055	1.367
2002	32078	3123.298	2996.068	127.230	0.397	4.074	392.210	38.188	36.632	1.556
2003	30568	3025.984	2880.287	145.697	0.477	4.815	370.127	36.640	34.875	1.764
2004	29388	2983.453	2796.807	186.646	0.635	6.256	352.147	35.750	33.513	2.237
2005	27954	2926.679	2715.184	211.495	0.757	7.226	331.111	34.666	32.161	2.505
2006	27201	2889.308	2640.728	248.581	0.914	8.603	319.236	33.909	30.992	2.917
2007	26302	2810.025	2524.718	285.308	1.085	10.153	305.470	32.636	29.322	3.314
2008	25998	2773.025	2474.507	298.518	1.148	10.765	298.534	31.843	28.415	3.428
2009	25040	2723.293	2393.836	329.457	1.316	12.098	284.186	30.907	27.168	3.739

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59049.707	2242.036	0.360	3.658	394.195	38.747	37.330	1.417

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Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.271	5.863	0.020	0.044	410.705	184.125	184.044	0.081
1994	29804	13404.876	13402.040	2.836	0.010	0.021	404.869	182.097	182.059	0.039
1995	29755	13407.404	13396.216	11.188	0.038	0.083	397.803	179.248	179.098	0.150
1996	30900	14056.435	14072.376	-15.941	-0.052	-0.113	407.587	185.412	185.622	-0.210
1997	31128	14163.848	14173.487	-9.639	-0.031	-0.068	404.834	184.207	184.333	-0.125
1998	32096	14738.220	14725.214	13.007	0.041	0.088	411.536	188.974	188.807	0.167
1999	34616	15867.376	15848.812	18.564	0.054	0.117	437.865	200.710	200.475	0.235
2000	34299	15766.470	15718.101	48.368	0.141	0.307	428.409	196.930	196.326	0.604
2001	34592	16091.193	16032.545	58.648	0.170	0.364	427.231	198.736	198.011	0.724
2002	34291	16120.902	16069.459	51.443	0.150	0.319	419.268	197.106	196.477	0.629
2003	35074	16455.810	16336.590	119.221	0.340	0.724	424.687	199.252	197.809	1.444
2004	33512	15694.580	15511.484	183.096	0.546	1.167	401.564	188.063	185.869	2.194
2005	35392	16549.102	16301.271	247.830	0.700	1.498	419.213	196.022	193.086	2.936
2006	33981	15926.096	15548.139	377.957	1.112	2.373	398.807	186.912	182.476	4.436
2007	34000	15778.477	15322.224	456.253	1.342	2.892	394.875	183.251	177.952	5.299
2008	37425	17438.838	16899.322	539.516	1.442	3.094	429.749	200.249	194.054	6.195
2009	36826	17214.158	16569.067	645.091	1.752	3.747	417.948	195.368	188.047	7.321

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293877.455	2759.778	0.427	0.930	408.132	187.528	185.784	1.745

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA8
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 15, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 15, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA8

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.002000	0.000400	0.000500	0.002000	0.000400	0.000500
15-19	1-24	0.002000	0.000400	0.001500	0.002000	0.000400	0.001500
20-24	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
25-29	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
30-34	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
35-39	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
40-44	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
45-49	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
50-54	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
55-59	1-24	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
60-64	1-24	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
65-69	1-24	0.002000	0.000400	0.003000	0.002000	0.000400	0.003000
70-74	1-24	0.002000	0.000400	0.003500	0.002000	0.000400	0.003500
75-79	1-24	0.002000	0.000400	0.004000	0.002000	0.000400	0.004000
10-14	25+	0.002000	0.000400	0.000500	0.002000	0.000400	0.000500
15-19	25+	0.002000	0.000400	0.001500	0.002000	0.000400	0.001500
20-24	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
25-29	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
30-34	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
35-39	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
40-44	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
45-49	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
50-54	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
55-59	25+	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
60-64	25+	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
65-69	25+	0.002000	0.000400	0.003000	0.002000	0.000400	0.003000
70-74	25+	0.002000	0.000400	0.003500	0.002000	0.000400	0.003500
75-79	25+	0.002000	0.000400	0.004000	0.002000	0.000400	0.004000

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 15, Scenario: NULL

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		M (Males)
3. Year of start of process		1990
4. Number of simulations		1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 15, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2468.00	26.89	141.00	5.27			
5	All Ages	Current MRTP	125.00	1.36					
5	All Ages	Current Dual	83.00	0.90					
5	All Ages	Former	2600.00	28.33			15.48	151.00	5.81

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	4.00	1.30			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	7.00	0.73					
5	25-29	Former	116.00	12.11			4.86	22.00	18.97
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	9.00	2.39			
5	30-34	Current MRTP	14.00	1.30					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	204.00	18.99			6.34	26.00	12.75
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	337.00	31.12	13.00	3.71			
5	35-39	Current MRTP	8.00	0.74					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	255.00	23.55			7.72	22.00	8.63
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	284.00	29.19	14.00	4.73			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	271.00	27.85			12.27	9.00	3.32
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	298.00	34.69			13.82	9.00	3.02
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	195.00	30.95	13.00	6.28			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	231.00	36.67			17.62	6.00	2.60
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	141.00	26.91	12.00	8.05			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.89	13.00	5.91
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	15.00	11.72			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	246.00	47.77			18.93	7.00	2.85
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	21.00	24.14			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	255.00	56.92			22.36	9.00	3.53

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	14.00	18.18			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	214.00	59.61			23.80	9.00	4.21

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2283.00	24.35	236.00	8.76			
10	All Ages	Current MRTP	249.00	2.66					
10	All Ages	Current Dual	163.00	1.74					
10	All Ages	Former	2607.00	27.81			17.16	168.00	6.44

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	40.00	4.46					
10	20-24	Former	23.00	2.57			2.43	9.00	39.13

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	242.00	26.45	5.00	1.66			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	32.00	3.50					
10	25-29	Former	61.00	6.67			4.80	18.00	29.51

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	252.00	26.30	10.00	3.18			
10	30-34	Current MRTP	39.00	4.07					
10	30-34	Current Dual	23.00	2.40					
10	30-34	Former	145.00	15.14			7.89	15.00	10.34

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	321.00	29.89	22.00	6.15			
10	35-39	Current MRTP	25.00	2.33					
10	35-39	Current Dual	12.00	1.12					
10	35-39	Former	228.00	21.23			9.94	13.00	5.70

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	286.00	26.41	25.00	7.94			
10	40-44	Current MRTP	21.00	1.94					
10	40-44	Current Dual	8.00	0.74					
10	40-44	Former	290.00	26.78			10.87	22.00	7.59

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	258.00	26.52	22.00	7.86			
10	45-49	Current MRTP	16.00	1.64					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	287.00	29.50			15.79	14.00	4.88

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	209.00	24.33	29.00	11.98			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	309.00	35.97			17.20	7.00	2.27
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	163.00	25.87	25.00	13.30			
10	55-59	Current MRTP	19.00	3.02					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	250.00	39.68			20.10	11.00	4.40
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	121.00	23.09	17.00	12.78			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	6.00	1.15					
10	60-64	Former	236.00	45.04			19.51	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	101.00	19.61	22.00	18.33			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	254.00	49.32			21.75	13.00	5.12
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	104.00	20.80	33.00	27.27			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	259.00	51.80			24.36	19.00	7.34
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	26.00	33.77			
10	75-79	Current MRTP	11.00	2.46					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	265.00	59.15			24.61	14.00	5.28
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2034.00	22.78	316.00	12.41			
15	All Ages	Current MRTP	336.00	3.76					
15	All Ages	Current Dual	177.00	1.98					
15	All Ages	Former	2512.00	28.14			18.81	129.00	5.14
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	181.00	20.20	2.00	0.70			
15	25-29	Current MRTP	54.00	6.03					
15	25-29	Current Dual	49.00	5.47					
15	25-29	Former	47.00	5.25			4.57	10.00	21.28
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	222.00	24.26	11.00	3.70			
15	30-34	Current MRTP	39.00	4.26					
15	30-34	Current Dual	36.00	3.93					
15	30-34	Former	93.00	10.16			6.48	18.00	19.35
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	232.00	24.22	23.00	7.64			
15	35-39	Current MRTP	45.00	4.70					
15	35-39	Current Dual	24.00	2.51					
15	35-39	Former	167.00	17.43			10.71	16.00	9.58
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	280.00	26.07	28.00	8.64			
15	40-44	Current MRTP	31.00	2.89					
15	40-44	Current Dual	13.00	1.21					
15	40-44	Former	262.00	24.39			12.69	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	260.00	24.01	38.00	12.50			
15	45-49	Current MRTP	34.00	3.14					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	301.00	27.79			14.81	9.00	2.99
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	220.00	22.61	29.00	11.46			
15	50-54	Current MRTP	25.00	2.57					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	314.00	32.27			18.56	12.00	3.82
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	187.00	21.77	39.00	17.26			
15	55-59	Current MRTP	28.00	3.26					
15	55-59	Current Dual	11.00	1.28					
15	55-59	Former	325.00	37.83			20.28	18.00	5.54
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	153.00	24.29	36.00	19.46			
15	60-64	Current MRTP	27.00	4.29					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	253.00	40.16			23.08	8.00	3.16
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	114.00	21.76	29.00	21.97			
15	65-69	Current MRTP	11.00	2.10					
15	65-69	Current Dual	7.00	1.34					
15	65-69	Former	237.00	45.23			22.67	8.00	3.38
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	92.00	17.86	37.00	30.08			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	251.00	48.74			25.22	6.00	2.39
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	93.00	18.60	44.00	37.29			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	262.00	52.40			26.34	9.00	3.44
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1707.00	20.26	358.00	15.79			

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	373.00	4.43					
20	All Ages	Current Dual	187.00	2.22					
20	All Ages	Former	2440.00	28.95			19.81	140.00	5.74
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	168.00	18.75	4.00	1.49			
20	30-34	Current MRTP	56.00	6.25					
20	30-34	Current Dual	45.00	5.02					
20	30-34	Former	80.00	8.93			6.45	14.00	17.50
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	200.00	21.86	15.00	5.30			
20	35-39	Current MRTP	51.00	5.57					
20	35-39	Current Dual	32.00	3.50					
20	35-39	Former	117.00	12.79			8.85	13.00	11.11
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	208.00	21.71	27.00	9.54			
20	40-44	Current MRTP	48.00	5.01					
20	40-44	Current Dual	27.00	2.82					
20	40-44	Former	185.00	19.31			13.70	10.00	5.41
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	259.00	24.12	38.00	12.54			
20	45-49	Current MRTP	32.00	2.98					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	283.00	26.35			15.67	16.00	5.65
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	219.00	20.22	46.00	16.67			
20	50-54	Current MRTP	45.00	4.16					
20	50-54	Current Dual	12.00	1.11					
20	50-54	Former	329.00	30.38			17.42	16.00	4.86
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	191.00	19.63	39.00	16.81			
20	55-59	Current MRTP	28.00	2.88					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.15	16.00	4.78
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	167.00	19.44	50.00	23.15			
20	60-64	Current MRTP	32.00	3.73					

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	335.00	39.00			22.71	15.00	4.48

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	121.00	19.21	43.00	26.71			
20	65-69	Current MRTP	34.00	5.40					
20	65-69	Current Dual	6.00	0.95					
20	65-69	Former	277.00	43.97			23.85	17.00	6.14

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	97.00	18.51	42.00	33.33			
20	70-74	Current MRTP	21.00	4.01					
20	70-74	Current Dual	8.00	1.53					
20	70-74	Former	243.00	46.37			25.07	11.00	4.53

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	77.00	14.95	54.00	45.76			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	15.00	2.91					
20	75-79	Former	256.00	49.71			26.17	12.00	4.69

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122930.996	338.220	0.109	0.274	4656.77	1841.55	1836.50	5.053
1994	305700	120480.723	119973.986	506.737	0.166	0.421	4482.57	1766.64	1759.21	7.430
1995	303225	118666.569	117923.876	742.693	0.245	0.626	4361.58	1706.89	1696.21	10.683
1996	299559	116607.195	115669.116	938.079	0.313	0.804	4242.85	1651.58	1638.30	13.287
1997	294226	114665.051	113593.528	1071.523	0.364	0.934	4100.64	1598.09	1583.16	14.934
1998	289258	113038.380	111751.165	1287.215	0.445	1.139	3966.28	1549.97	1532.32	17.650
1999	311002	117067.463	115329.474	1737.989	0.559	1.485	4198.14	1580.27	1556.81	23.461
2000	303786	114977.407	113035.295	1942.113	0.639	1.689	4041.13	1529.49	1503.66	25.835
2001	296294	113047.319	110934.669	2112.650	0.713	1.869	3890.54	1484.39	1456.65	27.740
2002	291898	111744.742	109438.616	2306.125	0.790	2.064	3789.34	1450.64	1420.70	29.937
2003	285865	110551.854	108052.874	2498.980	0.874	2.260	3671.31	1419.80	1387.70	32.094
2004	274177	107418.262	104905.074	2513.188	0.917	2.340	3481.92	1364.16	1332.25	31.916
2005	272379	107678.770	105040.686	2638.084	0.969	2.450	3417.44	1351.01	1317.91	33.099
2006	264118	104357.806	101670.640	2687.166	1.017	2.575	3281.83	1296.71	1263.32	33.390
2007	258419	102690.449	99885.888	2804.562	1.085	2.731	3176.05	1262.10	1227.63	34.469
2008	259461	103492.166	100313.499	3178.668	1.225	3.071	3150.91	1256.82	1218.21	38.602
2009	253907	101384.044	97950.219	3433.824	1.352	3.387	3045.20	1215.94	1174.75	41.183

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2240324.410	32919.27	0.566	1.448	3927.78	1535.76	1513.52	22.240

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62817.399	65.712	0.084	0.104	1173.36	939.428	938.446	0.982
1994	77437	61805.804	61704.344	101.460	0.131	0.164	1135.48	906.276	904.789	1.488
1995	76904	61145.799	60993.537	152.262	0.198	0.249	1106.18	879.519	877.328	2.190
1996	76232	60385.323	60193.553	191.770	0.252	0.318	1079.72	855.277	852.561	2.716
1997	75473	59549.806	59344.331	205.475	0.272	0.345	1051.87	829.947	827.083	2.864
1998	75381	59292.315	59009.485	282.830	0.375	0.477	1033.62	813.010	809.132	3.878
1999	73159	57398.351	57047.950	350.402	0.479	0.610	987.557	774.807	770.077	4.730
2000	73784	57716.549	57284.502	432.046	0.586	0.749	981.515	767.777	762.029	5.747
2001	73294	57211.877	56729.888	481.990	0.658	0.842	962.399	751.230	744.901	6.329
2002	72442	56438.810	55907.693	531.117	0.733	0.941	940.422	732.673	725.779	6.895
2003	71942	55948.341	55395.438	552.903	0.769	0.988	923.937	718.533	711.433	7.101
2004	71301	55339.218	54771.609	567.610	0.796	1.026	905.490	702.783	695.574	7.208
2005	70964	54964.459	54383.463	580.996	0.819	1.057	890.360	689.620	682.330	7.290
2006	69658	53781.526	53199.243	582.283	0.836	1.083	865.543	668.268	661.033	7.235
2007	68565	52784.985	52182.220	602.765	0.879	1.142	842.687	648.745	641.337	7.408
2008	68226	52470.692	51764.109	706.584	1.036	1.347	828.542	637.208	628.627	8.581
2009	67509	51823.021	51050.770	772.251	1.144	1.490	809.661	621.533	612.272	9.262

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152787.984	7200.545	0.488	0.621	997.213	783.665	778.801	4.865

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35254.580	205.220	0.125	0.579	2455.45	529.744	526.678	3.066
1994	159866	34293.631	33997.446	296.185	0.185	0.864	2344.16	502.857	498.514	4.343
1995	158083	33531.695	33108.981	422.714	0.267	1.261	2273.86	482.318	476.238	6.080
1996	154875	32438.163	31908.256	529.907	0.342	1.634	2193.60	459.443	451.938	7.505
1997	149970	31179.663	30562.989	616.673	0.411	1.978	2090.14	434.552	425.957	8.595
1998	145407	29860.736	29174.136	686.601	0.472	2.299	1993.81	409.447	400.033	9.415
1999	165952	34413.904	33448.084	965.820	0.582	2.806	2240.15	464.545	451.508	13.037
2000	160260	33265.290	32237.986	1027.304	0.641	3.088	2131.87	442.513	428.847	13.666
2001	154444	32074.102	30967.840	1106.262	0.716	3.449	2027.95	421.154	406.628	14.526
2002	151887	31817.956	30618.995	1198.962	0.789	3.768	1971.76	413.052	397.488	15.565
2003	146733	31025.931	29685.842	1340.089	0.913	4.319	1884.46	398.460	381.249	17.211
2004	138381	29503.602	28143.551	1360.051	0.983	4.610	1757.38	374.682	357.410	17.272
2005	135881	29077.894	27648.090	1429.804	1.052	4.917	1704.85	364.830	346.891	17.939
2006	131922	28385.448	26885.461	1499.987	1.137	5.284	1639.21	352.707	334.068	18.638
2007	126502	27327.625	25760.527	1567.098	1.239	5.734	1554.75	335.866	316.605	19.260
2008	125859	27025.472	25320.574	1704.897	1.355	6.308	1528.44	328.199	307.495	20.704
2009	122428	26361.626	24515.785	1845.841	1.508	7.002	1468.33	316.165	294.027	22.138

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	620444.042	17912.63	0.598	2.806	2024.64	431.261	419.160	12.101

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 15 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.575	34.561	0.105	0.783	491.442	65.944	65.428	0.516
1994	33323	4474.895	4421.050	53.845	0.162	1.203	488.625	65.617	64.827	0.790
1995	33569	4476.290	4395.186	81.104	0.242	1.812	482.855	64.387	63.220	1.167
1996	33870	4489.078	4381.541	107.537	0.318	2.396	479.723	63.582	62.059	1.523
1997	33516	4444.866	4309.699	135.168	0.403	3.041	467.113	61.948	60.064	1.884
1998	32795	4313.427	4177.312	136.115	0.415	3.156	449.682	59.145	57.279	1.866
1999	33375	4232.739	4074.541	158.197	0.474	3.737	450.521	57.137	55.001	2.135
2000	33459	4307.577	4143.502	164.076	0.490	3.809	445.090	57.302	55.119	2.183
2001	32275	4136.308	3971.919	164.389	0.509	3.974	423.792	54.312	52.154	2.159
2002	31586	4079.175	3911.478	167.697	0.531	4.111	410.041	52.955	50.778	2.177
2003	30985	4096.221	3891.377	204.844	0.661	5.001	397.934	52.607	49.976	2.631
2004	29884	4034.217	3826.076	208.141	0.696	5.159	379.513	51.233	48.589	2.643
2005	28708	3944.303	3733.955	210.348	0.733	5.333	360.189	49.488	46.849	2.639
2006	28188	3970.169	3741.936	228.233	0.810	5.749	350.253	49.332	46.496	2.836
2007	28026	3957.558	3707.197	250.360	0.893	6.326	344.449	48.640	45.563	3.077
2008	27128	3812.302	3561.982	250.320	0.923	6.566	329.444	46.297	43.257	3.040
2009	27068	3827.467	3541.572	285.895	1.056	7.470	324.637	45.904	42.475	3.429

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81602.782	2854.722	0.454	3.380	424.421	57.058	55.129	1.929

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.442	32.727	0.091	0.160	536.514	306.437	305.948	0.489
1994	35074	19906.392	19851.146	55.246	0.158	0.278	514.300	291.893	291.083	0.810
1995	34669	19512.784	19426.172	86.613	0.250	0.444	498.677	280.671	279.425	1.246
1996	34582	19294.631	19185.765	108.865	0.315	0.564	489.808	273.283	271.741	1.542
1997	35267	19490.717	19376.510	114.207	0.324	0.586	491.517	271.643	270.051	1.592
1998	35675	19571.902	19390.233	181.669	0.509	0.928	489.172	268.368	265.877	2.491
1999	38516	21022.469	20758.898	263.570	0.684	1.254	519.919	283.777	280.220	3.558
2000	36283	19687.992	19369.305	318.687	0.878	1.619	482.656	261.900	257.661	4.239
2001	36281	19625.032	19265.022	360.009	0.992	1.834	476.394	257.690	252.963	4.727
2002	35983	19408.801	19000.451	408.350	1.135	2.104	467.122	251.960	246.659	5.301
2003	36205	19481.360	19080.216	401.144	1.108	2.059	464.974	250.195	245.043	5.152
2004	34611	18541.224	18163.838	377.386	1.090	2.035	439.544	235.465	230.672	4.793
2005	36826	19692.114	19275.178	416.936	1.132	2.117	462.043	247.070	241.839	5.231
2006	34350	18220.663	17844.000	376.663	1.097	2.067	426.820	226.403	221.723	4.680
2007	35326	18620.282	18235.944	384.338	1.088	2.064	434.168	228.849	224.126	4.724
2008	38248	20183.701	19666.834	516.867	1.351	2.561	464.487	245.112	238.836	6.277
2009	36902	19371.930	18842.092	529.837	1.436	2.735	442.580	232.335	225.980	6.355

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385489.602	4951.372	0.695	1.268	481.512	263.774	260.429	3.345

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA8
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 16, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 16, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA8

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.002000	0.000400	0.000500	0.002000	0.000400	0.000500
15-19	1-24	0.002000	0.000400	0.001500	0.002000	0.000400	0.001500
20-24	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
25-29	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
30-34	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
35-39	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
40-44	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
45-49	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
50-54	1-24	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
55-59	1-24	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
60-64	1-24	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
65-69	1-24	0.002000	0.000400	0.003000	0.002000	0.000400	0.003000
70-74	1-24	0.002000	0.000400	0.003500	0.002000	0.000400	0.003500
75-79	1-24	0.002000	0.000400	0.004000	0.002000	0.000400	0.004000
10-14	25+	0.002000	0.000400	0.000500	0.002000	0.000400	0.000500
15-19	25+	0.002000	0.000400	0.001500	0.002000	0.000400	0.001500
20-24	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
25-29	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
30-34	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
35-39	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
40-44	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
45-49	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
50-54	25+	0.002000	0.000400	0.002000	0.002000	0.000400	0.002000
55-59	25+	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
60-64	25+	0.002000	0.000400	0.002500	0.002000	0.000400	0.002500
65-69	25+	0.002000	0.000400	0.003000	0.002000	0.000400	0.003000
70-74	25+	0.002000	0.000400	0.003500	0.002000	0.000400	0.003500
75-79	25+	0.002000	0.000400	0.004000	0.002000	0.000400	0.004000

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 16, Scenario: NULL

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		F (Females)
3. Year of start of process		1990
4. Number of simulations		1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 16, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2029.00	22.35	120.00	5.43			
5	All Ages	Current MRTP	108.00	1.19					
5	All Ages	Current Dual	71.00	0.78					
5	All Ages	Former	1986.00	21.87			14.78	108.00	5.44

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.17			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	29.00	3.44			2.90	9.00	31.03
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	206.00	24.79	10.00	4.33			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	137.00	16.49			5.42	13.00	9.49
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	304.00	27.09	9.00	2.77			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	236.00	21.03			8.56	15.00	6.36
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	214.00	22.06	9.00	4.05			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	251.00	25.88			11.61	13.00	5.18
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	121.00	22.62	7.00	5.43			
5	55-59	Current MRTP	6.00	1.12					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	107.00	19.96	15.00	13.04			
5	65-69	Current MRTP	3.00	0.56					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	161.00	30.04			21.22	7.00	4.35
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	77.00	14.29	15.00	17.65			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	2.00	0.37					
5	70-74	Former	174.00	32.28			24.93	5.00	2.87

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1876.00	20.60	186.00	8.43			
10	All Ages	Current MRTP	213.00	2.34					
10	All Ages	Current Dual	117.00	1.28					
10	All Ages	Former	2005.00	22.01			16.25	107.00	5.34

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	139.00	17.10	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	29.00	3.57					
10	20-24	Former	16.00	1.97			2.88	5.00	31.25

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	215.00	25.47	5.00	1.83			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	48.00	5.69			5.35	9.00	18.75

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	190.00	22.86	14.00	6.17			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	15.00	1.81					
10	30-34	Former	163.00	19.61			8.74	12.00	7.36

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	255.00	25.53	25.00	8.53			
10	35-39	Current MRTP	22.00	2.20					
10	35-39	Current Dual	16.00	1.60					
10	35-39	Former	196.00	19.62			11.18	9.00	4.59

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	265.00	23.62	19.00	6.53			
10	40-44	Current MRTP	20.00	1.78					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	270.00	24.06			11.48	17.00	6.30

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	184.00	18.97	21.00	10.10			
10	45-49	Current MRTP	18.00	1.86					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	265.00	27.32			15.30	7.00	2.64

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	155.00	19.11	17.00	9.88			
10	50-54	Current MRTP	13.00	1.60					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	217.00	26.76			14.49	12.00	5.53
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	17.00	11.89			
10	55-59	Current MRTP	11.00	1.77					
10	55-59	Current Dual	6.00	0.97					
10	55-59	Former	177.00	28.50			18.35	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	106.00	19.81	11.00	9.17			
10	60-64	Current MRTP	11.00	2.06					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.45	5.00	3.07
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	10.00	10.31			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	141.00	28.89			23.50	4.00	2.84
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	86.00	16.04	18.00	17.82			
10	70-74	Current MRTP	12.00	2.24					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	175.00	32.65			23.30	10.00	5.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	67.00	12.43	29.00	34.12			
10	75-79	Current MRTP	17.00	3.15					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	174.00	32.28			27.15	11.00	6.32
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1598.00	18.65	238.00	11.80			
15	All Ages	Current MRTP	273.00	3.19					
15	All Ages	Current Dual	146.00	1.70					
15	All Ages	Former	2030.00	23.69			17.38	129.00	6.35
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	150.00	18.45	3.00	1.29			
15	25-29	Current MRTP	45.00	5.54					
15	25-29	Current Dual	38.00	4.67					
15	25-29	Former	34.00	4.18			4.03	12.00	35.29
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	197.00	23.34	10.00	3.62			
15	30-34	Current MRTP	51.00	6.04					
15	30-34	Current Dual	28.00	3.32					
15	30-34	Former	78.00	9.24			6.72	15.00	19.23
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	165.00	19.86	23.00	11.06			
15	35-39	Current MRTP	27.00	3.25					
15	35-39	Current Dual	16.00	1.93					
15	35-39	Former	189.00	22.74			11.65	12.00	6.35
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	226.00	22.62	36.00	13.14			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	20.00	2.00					
15	40-44	Former	215.00	21.52			14.26	9.00	4.19
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	232.00	20.68	26.00	9.52			
15	45-49	Current MRTP	32.00	2.85					
15	45-49	Current Dual	9.00	0.80					
15	45-49	Former	288.00	25.67			14.94	15.00	5.21
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	157.00	16.19	31.00	16.49			
15	50-54	Current MRTP	21.00	2.16					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	285.00	29.38			18.12	12.00	4.21
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	136.00	16.77	21.00	13.73			
15	55-59	Current MRTP	11.00	1.36					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	236.00	29.10			17.25	13.00	5.51
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	102.00	16.43	20.00	15.87			
15	60-64	Current MRTP	19.00	3.06					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	194.00	31.24			20.56	7.00	3.61
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	95.00	17.76	25.00	21.93			
15	65-69	Current MRTP	14.00	2.62					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	169.00	31.59			21.56	8.00	4.73
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	16.00	19.51			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	156.00	31.97			23.20	14.00	8.97
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	70.00	13.06	27.00	30.00			
15	75-79	Current MRTP	16.00	2.99					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	186.00	34.70			24.58	12.00	6.45
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1352.00	16.83	262.00	14.74			

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	291.00	3.62					
20	All Ages	Current Dual	135.00	1.68					
20	All Ages	Former	2030.00	25.27			18.84	122.00	6.01

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	151.00	18.57	5.00	2.14			
20	30-34	Current MRTP	48.00	5.90					
20	30-34	Current Dual	35.00	4.31					
20	30-34	Former	58.00	7.13			5.74	12.00	20.69

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	170.00	20.14	12.00	4.78			
20	35-39	Current MRTP	55.00	6.52					
20	35-39	Current Dual	26.00	3.08					
20	35-39	Former	115.00	13.63			8.10	22.00	19.13

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	146.00	17.57	28.00	14.81			
20	40-44	Current MRTP	31.00	3.73					
20	40-44	Current Dual	12.00	1.44					
20	40-44	Former	208.00	25.03			14.96	6.00	2.88

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	204.00	20.42	39.00	15.54			
20	45-49	Current MRTP	28.00	2.80					
20	45-49	Current Dual	19.00	1.90					
20	45-49	Former	238.00	23.82			16.82	11.00	4.62

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	205.00	18.27	32.00	12.96			
20	50-54	Current MRTP	34.00	3.03					
20	50-54	Current Dual	8.00	0.71					
20	50-54	Former	314.00	27.99			17.57	16.00	5.10

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	135.00	13.92	36.00	21.18			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	303.00	31.24			20.82	13.00	4.29

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	33.00	22.92			
20	60-64	Current MRTP	22.00	2.71					

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	10.00	1.23					
20	60-64	Former	245.00	30.21			20.31	9.00	3.67

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	90.00	14.49	25.00	21.55			
20	65-69	Current MRTP	21.00	3.38					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	204.00	32.85			23.29	9.00	4.41

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	81.00	15.14	29.00	28.16			
20	70-74	Current MRTP	14.00	2.62					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	180.00	33.64			24.07	12.00	6.67

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	23.00	31.51			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	165.00	33.81			24.19	12.00	7.27

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62285.900	46.420	0.023	0.074	2793.47	859.818	859.177	0.640
1994	200658	62691.239	62631.180	60.059	0.030	0.096	2725.82	851.622	850.806	0.816
1995	201023	63132.954	63042.996	89.958	0.045	0.142	2687.54	844.043	842.841	1.203
1996	201180	64309.880	64273.372	36.508	0.018	0.057	2653.67	848.280	847.798	0.482
1997	198639	64547.894	64480.022	67.871	0.034	0.105	2583.39	839.475	838.592	0.883
1998	197573	65384.866	65208.061	176.806	0.089	0.270	2533.29	838.367	836.100	2.267
1999	211329	67554.762	67244.754	310.008	0.147	0.459	2673.14	854.513	850.592	3.921
2000	208496	68184.366	67769.836	414.530	0.199	0.608	2604.20	851.652	846.474	5.178
2001	203606	68286.060	67726.539	559.521	0.275	0.819	2514.65	843.372	836.462	6.910
2002	200828	68983.996	68349.586	634.410	0.316	0.920	2455.47	843.450	835.693	7.757
2003	196352	68717.830	67841.148	876.682	0.446	1.276	2377.49	832.057	821.442	10.615
2004	188160	67344.952	66148.352	1196.600	0.636	1.777	2254.66	806.974	792.635	14.338
2005	186416	67846.650	66412.496	1434.155	0.769	2.114	2208.07	803.634	786.646	16.987
2006	180088	66622.465	64737.163	1885.302	1.047	2.830	2113.55	781.893	759.767	22.126
2007	175644	65977.201	63764.822	2212.379	1.260	3.353	2039.92	766.256	740.562	25.694
2008	177570	67121.344	64708.977	2412.366	1.359	3.594	2039.03	770.751	743.050	27.701
2009	172806	66622.993	63872.255	2750.738	1.592	4.129	1961.22	756.123	724.904	31.219

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1287129.192	15187.17	0.389	1.166	2465.77	823.300	813.699	9.601

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33459.002	8.733	0.019	0.026	638.542	461.657	461.536	0.120
1994	47017	33989.389	33981.176	8.213	0.017	0.024	638.697	461.725	461.614	0.112
1995	47840	34566.580	34552.340	14.240	0.030	0.041	639.587	462.131	461.941	0.190
1996	48244	34997.958	35007.890	-9.933	-0.021	-0.028	636.363	461.641	461.772	-0.131
1997	49035	35549.658	35549.924	-0.266	-0.001	-0.001	637.723	462.340	462.343	-0.003
1998	49686	36138.033	36113.533	24.501	0.049	0.068	637.076	463.363	463.049	0.314
1999	48883	35506.142	35462.823	43.318	0.089	0.122	618.331	449.124	448.576	0.548
2000	50331	36573.306	36498.850	74.456	0.148	0.204	628.656	456.816	455.886	0.930
2001	50389	36733.445	36623.137	110.309	0.219	0.300	622.333	453.679	452.317	1.362
2002	51445	37627.700	37487.117	140.583	0.273	0.374	629.005	460.065	458.346	1.719
2003	51408	37552.784	37331.781	221.003	0.430	0.589	622.464	454.701	452.025	2.676
2004	51399	37527.823	37202.385	325.438	0.633	0.867	615.898	449.684	445.785	3.900
2005	51421	37486.186	37096.302	389.884	0.758	1.040	609.074	444.018	439.400	4.618
2006	51355	37409.496	36850.198	559.298	1.089	1.495	602.712	439.045	432.481	6.564
2007	51839	37602.867	36920.940	681.928	1.315	1.813	602.056	436.718	428.798	7.920
2008	50976	36986.957	36269.611	717.346	1.407	1.939	585.355	424.719	416.482	8.237
2009	51193	37201.944	36343.231	858.713	1.677	2.308	581.003	422.215	412.469	9.746

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707729.438	4175.401	0.426	0.587	619.890	450.053	447.413	2.640

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12375.727	26.208	0.028	0.211	1292.22	171.073	170.712	0.362
1994	90832	12128.576	12087.961	40.615	0.045	0.335	1233.90	164.759	164.208	0.552
1995	89698	11958.696	11904.535	54.161	0.060	0.453	1199.20	159.879	159.155	0.724
1996	88286	12020.749	11964.900	55.850	0.063	0.465	1164.54	158.560	157.823	0.737
1997	84777	11593.724	11518.897	74.827	0.088	0.645	1102.56	150.782	149.809	0.973
1998	82517	11337.035	11211.442	125.593	0.152	1.108	1058.04	145.364	143.753	1.610
1999	93939	13027.458	12811.095	216.363	0.230	1.661	1188.25	164.787	162.050	2.737
2000	90039	12607.547	12362.553	244.994	0.272	1.943	1124.63	157.474	154.414	3.060
2001	86119	12350.451	12029.647	320.803	0.373	2.598	1063.62	152.535	148.573	3.962
2002	83014	12112.097	11757.566	354.530	0.427	2.927	1014.99	148.092	143.757	4.335
2003	79302	11683.252	11259.398	423.854	0.534	3.628	960.214	141.465	136.332	5.132
2004	73861	11139.095	10606.499	532.596	0.721	4.781	885.053	133.476	127.094	6.382
2005	71649	10884.683	10275.849	608.834	0.850	5.593	848.672	128.927	121.716	7.212
2006	67551	10397.565	9673.710	723.855	1.072	6.962	792.791	122.028	113.532	8.495
2007	63503	9785.831	8968.274	817.557	1.287	8.354	737.521	113.652	104.157	9.495
2008	63171	9922.524	9034.958	887.566	1.405	8.945	725.389	113.940	103.748	10.192
2009	59747	9483.598	8531.137	952.460	1.594	10.043	678.085	107.632	96.822	10.810

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	226015.194	6467.356	0.392	2.782	1043.56	146.971	142.883	4.089

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 16 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3107.514	7.002	0.021	0.225	452.005	42.962	42.865	0.097
1994	33005	3168.398	3157.494	10.904	0.033	0.344	448.353	43.041	42.893	0.148
1995	33730	3200.274	3184.245	16.029	0.048	0.501	450.946	42.785	42.571	0.214
1996	33750	3234.738	3216.713	18.026	0.053	0.557	445.180	42.668	42.430	0.238
1997	33699	3240.665	3224.361	16.303	0.048	0.503	438.271	42.146	41.934	0.212
1998	33274	3171.578	3137.553	34.024	0.102	1.073	426.640	40.666	40.230	0.436
1999	33891	3153.786	3095.982	57.804	0.171	1.833	428.694	39.893	39.162	0.731
2000	33827	3237.043	3157.869	79.174	0.234	2.446	422.514	40.432	39.443	0.989
2001	32506	3110.972	3009.433	101.539	0.312	3.264	401.468	38.422	37.168	1.254
2002	32078	3123.298	3005.631	117.666	0.367	3.767	392.210	38.188	36.749	1.439
2003	30568	3025.984	2890.023	135.961	0.445	4.493	370.127	36.640	34.993	1.646
2004	29388	2983.453	2807.697	175.757	0.598	5.891	352.147	35.750	33.644	2.106
2005	27954	2926.679	2726.635	200.044	0.716	6.835	331.111	34.666	32.297	2.369
2006	27201	2889.308	2653.485	235.823	0.867	8.162	319.236	33.909	31.142	2.768
2007	26302	2810.025	2541.308	268.717	1.022	9.563	305.470	32.636	29.515	3.121
2008	25998	2773.025	2490.331	282.693	1.087	10.194	298.534	31.843	28.596	3.246
2009	25040	2723.293	2411.723	311.571	1.244	11.441	284.186	30.907	27.371	3.536

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59220.647	2071.096	0.332	3.379	394.195	38.747	37.438	1.309

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13343.657	4.477	0.015	0.034	410.705	184.125	184.064	0.062
1994	29804	13404.876	13404.548	0.328	0.001	0.002	404.869	182.097	182.093	0.004
1995	29755	13407.404	13401.876	5.528	0.019	0.041	397.803	179.248	179.174	0.074
1996	30900	14056.435	14083.870	-27.435	-0.089	-0.195	407.587	185.412	185.773	-0.362
1997	31128	14163.848	14186.840	-22.992	-0.074	-0.162	404.834	184.207	184.506	-0.299
1998	32096	14738.220	14745.533	-7.313	-0.023	-0.050	411.536	188.974	189.068	-0.094
1999	34616	15867.376	15874.854	-7.478	-0.022	-0.047	437.865	200.710	200.804	-0.095
2000	34299	15766.470	15750.564	15.906	0.046	0.101	428.409	196.930	196.731	0.199
2001	34592	16091.193	16064.323	26.870	0.078	0.167	427.231	198.736	198.404	0.332
2002	34291	16120.902	16099.271	21.630	0.063	0.134	419.268	197.106	196.842	0.264
2003	35074	16455.810	16359.946	95.864	0.273	0.583	424.687	199.252	198.091	1.161
2004	33512	15694.580	15531.771	162.809	0.486	1.037	401.564	188.063	186.112	1.951
2005	35392	16549.102	16313.709	235.393	0.665	1.422	419.213	196.022	193.234	2.788
2006	33981	15926.096	15559.771	366.325	1.078	2.300	398.807	186.912	182.612	4.299
2007	34000	15778.477	15334.300	444.177	1.306	2.815	394.875	183.251	178.092	5.159
2008	37425	17438.838	16914.077	524.761	1.402	3.009	429.749	200.249	194.223	6.026
2009	36826	17214.158	16586.164	627.993	1.705	3.648	417.948	195.368	188.241	7.127

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294163.913	2473.319	0.383	0.834	408.132	187.528	185.965	1.564

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA9
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 17, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 17, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.004000	0.000400	0.000500	0.004000	0.000400	0.000500
15-19	1-24	0.004000	0.000400	0.001500	0.004000	0.000400	0.001500
20-24	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
25-29	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
30-34	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
35-39	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
40-44	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
45-49	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
50-54	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
55-59	1-24	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
60-64	1-24	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
65-69	1-24	0.004000	0.000400	0.003000	0.004000	0.000400	0.003000
70-74	1-24	0.004000	0.000400	0.003500	0.004000	0.000400	0.003500
75-79	1-24	0.004000	0.000400	0.004000	0.004000	0.000400	0.004000
10-14	25+	0.004000	0.000400	0.000500	0.004000	0.000400	0.000500
15-19	25+	0.004000	0.000400	0.001500	0.004000	0.000400	0.001500
20-24	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
25-29	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
30-34	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
35-39	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
40-44	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
45-49	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
50-54	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
55-59	25+	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
60-64	25+	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
65-69	25+	0.004000	0.000400	0.003000	0.004000	0.000400	0.003000
70-74	25+	0.004000	0.000400	0.003500	0.004000	0.000400	0.003500
75-79	25+	0.004000	0.000400	0.004000	0.004000	0.000400	0.004000

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 17, Scenario: NULL

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		M (Males)
3. Year of start of process		1990
4. Number of simulations		1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 17, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2475.00	26.97	143.00	5.35			
5	All Ages	Current MRTP	118.00	1.29					
5	All Ages	Current Dual	81.00	0.88					
5	All Ages	Former	2602.00	28.35			15.47	152.00	5.84

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	9.00	2.65					
5	18-19	Former	3.00	0.88			0.67	2.00	66.67

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	280.00	29.23	5.00	1.63			
5	25-29	Current MRTP	20.00	2.09					
5	25-29	Current Dual	7.00	0.73					
5	25-29	Former	116.00	12.11			4.86	22.00	18.97
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	354.00	32.96	8.00	2.14			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	8.00	0.74					
5	30-34	Former	207.00	19.27			6.28	27.00	13.04
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	338.00	31.21	14.00	3.99			
5	35-39	Current MRTP	8.00	0.74					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	284.00	29.19	13.00	4.41			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	237.00	27.59	12.00	4.72			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	297.00	34.58			13.86	9.00	3.03
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	195.00	30.95	13.00	6.28			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	231.00	36.67			17.62	6.00	2.60
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	141.00	26.91	12.00	8.05			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.89	13.00	5.91
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	15.00	11.72			
5	60-64	Current MRTP	9.00	1.75					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	246.00	47.77			18.93	7.00	2.85
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	71.00	15.85	22.00	25.00			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	14.00	18.18			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	214.00	59.61			23.80	9.00	4.21

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2318.00	24.73	243.00	9.01			
10	All Ages	Current MRTP	233.00	2.49					
10	All Ages	Current Dual	146.00	1.56					
10	All Ages	Former	2605.00	27.79			17.17	167.00	6.41

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	33.00	3.68					
10	20-24	Former	24.00	2.68			2.08	10.00	41.67

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	244.00	26.67	6.00	1.99			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	31.00	3.39					
10	25-29	Former	60.00	6.56			4.92	15.00	25.00

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	259.00	27.04	12.00	3.81			
10	30-34	Current MRTP	35.00	3.65					
10	30-34	Current Dual	21.00	2.19					
10	30-34	Former	144.00	15.03			7.94	14.00	9.72

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	324.00	30.17	22.00	6.16			
10	35-39	Current MRTP	23.00	2.14					
10	35-39	Current Dual	10.00	0.93					
10	35-39	Former	229.00	21.32			9.97	13.00	5.68

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	288.00	26.59	23.00	7.37			
10	40-44	Current MRTP	18.00	1.66					
10	40-44	Current Dual	6.00	0.55					
10	40-44	Former	293.00	27.05			10.76	24.00	8.19

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	262.00	26.93	25.00	8.83			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	284.00	29.19			15.93	14.00	4.93

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	211.00	24.56	29.00	12.03			
10	50-54	Current MRTP	19.00	2.21					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	310.00	36.09			17.13	8.00	2.58
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	166.00	26.35	25.00	13.23			
10	55-59	Current MRTP	18.00	2.86					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	249.00	39.52			20.18	10.00	4.02
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	123.00	23.47	18.00	13.53			
10	60-64	Current MRTP	5.00	0.95					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	236.00	45.04			19.50	14.00	5.93
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	101.00	19.61	22.00	18.49			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	255.00	49.51			21.67	13.00	5.10
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	34.00	27.42			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	256.00	51.20			24.62	17.00	6.64
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	57.00	12.72	27.00	35.06			
10	75-79	Current MRTP	11.00	2.46					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	265.00	59.15			24.59	15.00	5.66
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2074.00	23.23	313.00	12.32			
15	All Ages	Current MRTP	315.00	3.53					
15	All Ages	Current Dual	152.00	1.70					
15	All Ages	Former	2518.00	28.21			18.76	134.00	5.32
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	187.00	20.87	1.00	0.36			
15	25-29	Current MRTP	54.00	6.03					
15	25-29	Current Dual	37.00	4.13					
15	25-29	Former	53.00	5.92			4.17	13.00	24.53
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	229.00	25.03	11.00	3.64			
15	30-34	Current MRTP	38.00	4.15					
15	30-34	Current Dual	35.00	3.83					
15	30-34	Former	88.00	9.62			6.83	12.00	13.64
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	242.00	25.26	24.00	7.92			
15	35-39	Current MRTP	40.00	4.18					
15	35-39	Current Dual	21.00	2.19					
15	35-39	Former	165.00	17.22			10.78	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	283.00	26.35	27.00	8.36			
15	40-44	Current MRTP	30.00	2.79					
15	40-44	Current Dual	10.00	0.93					
15	40-44	Former	263.00	24.49			12.73	14.00	5.32
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	262.00	24.19	36.00	12.00			
15	45-49	Current MRTP	30.00	2.77					
15	45-49	Current Dual	8.00	0.74					
15	45-49	Former	305.00	28.16			14.67	11.00	3.61
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	224.00	23.02	32.00	12.50			
15	50-54	Current MRTP	23.00	2.36					
15	50-54	Current Dual	9.00	0.92					
15	50-54	Former	311.00	31.96			18.66	12.00	3.86
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	188.00	21.89	36.00	16.22			
15	55-59	Current MRTP	26.00	3.03					
15	55-59	Current Dual	8.00	0.93					
15	55-59	Former	329.00	38.30			20.05	20.00	6.08
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	35.00	18.92			
15	60-64	Current MRTP	24.00	3.81					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	253.00	40.16			23.04	10.00	3.95
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	116.00	22.14	30.00	22.90			
15	65-69	Current MRTP	10.00	1.91					
15	65-69	Current Dual	5.00	0.95					
15	65-69	Former	238.00	45.42			22.55	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	93.00	18.06	37.00	30.08			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	251.00	48.74			25.24	6.00	2.39
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	94.00	18.80	44.00	37.29			
15	75-79	Current MRTP	18.00	3.60					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	262.00	52.40			26.27	11.00	4.20
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1768.00	20.98	361.00	15.91			

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	344.00	4.08					
20	All Ages	Current Dual	157.00	1.86					
20	All Ages	Former	2438.00	28.93			19.81	145.00	5.95
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	179.00	19.98	4.00	1.51			
20	30-34	Current MRTP	55.00	6.14					
20	30-34	Current Dual	31.00	3.46					
20	30-34	Former	84.00	9.38			6.40	15.00	17.86
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	210.00	22.95	14.00	4.88			
20	35-39	Current MRTP	49.00	5.36					
20	35-39	Current Dual	28.00	3.06					
20	35-39	Former	113.00	12.35			8.96	14.00	12.39
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	220.00	22.96	28.00	9.89			
20	40-44	Current MRTP	41.00	4.28					
20	40-44	Current Dual	22.00	2.30					
20	40-44	Former	185.00	19.31			13.60	12.00	6.49
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	264.00	24.58	39.00	12.66			
20	45-49	Current MRTP	32.00	2.98					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	278.00	25.88			15.94	15.00	5.40
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	223.00	20.59	43.00	15.87			
20	50-54	Current MRTP	38.00	3.51					
20	50-54	Current Dual	10.00	0.92					
20	50-54	Former	334.00	30.84			17.31	16.00	4.79
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	198.00	20.35	41.00	17.67			
20	55-59	Current MRTP	24.00	2.47					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	335.00	34.43			21.02	20.00	5.97
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	170.00	19.79	53.00	24.31			
20	60-64	Current MRTP	31.00	3.61					

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	333.00	38.77			22.84	12.00	3.60

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	125.00	19.84	42.00	26.25			
20	65-69	Current MRTP	29.00	4.60					
20	65-69	Current Dual	6.00	0.95					
20	65-69	Former	278.00	44.13			23.72	18.00	6.47

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	100.00	19.08	44.00	34.38			
20	70-74	Current MRTP	21.00	4.01					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	241.00	45.99			25.25	9.00	3.73

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	79.00	15.34	53.00	45.30			
20	75-79	Current MRTP	24.00	4.66					
20	75-79	Current Dual	14.00	2.72					
20	75-79	Former	257.00	49.90			26.07	14.00	5.45

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121996.431	147.287	0.048	0.121	4692.62	1857.47	1855.24	2.240
1993	311713	123269.216	122935.397	333.819	0.107	0.271	4656.77	1841.55	1836.57	4.987
1994	305700	120480.723	119985.859	494.864	0.162	0.411	4482.57	1766.64	1759.39	7.256
1995	303225	118666.569	117942.718	723.851	0.239	0.610	4361.58	1706.89	1696.48	10.412
1996	299559	116607.195	115702.495	904.700	0.302	0.776	4242.85	1651.58	1638.77	12.814
1997	294226	114665.051	113639.166	1025.885	0.349	0.895	4100.64	1598.09	1583.79	14.298
1998	289258	113038.380	111814.485	1223.895	0.423	1.083	3966.28	1549.97	1533.19	16.782
1999	311002	117067.463	115433.671	1633.792	0.525	1.396	4198.14	1580.27	1558.21	22.054
2000	303786	114977.407	113149.165	1828.242	0.602	1.590	4041.13	1529.49	1505.17	24.320
2001	296294	113047.319	111080.078	1967.241	0.664	1.740	3890.54	1484.39	1458.56	25.831
2002	291898	111744.742	109594.321	2150.421	0.737	1.924	3789.34	1450.64	1422.72	27.916
2003	285865	110551.854	108231.129	2320.725	0.812	2.099	3671.31	1419.80	1389.99	29.805
2004	274177	107418.262	105089.843	2328.419	0.849	2.168	3481.92	1364.16	1334.59	29.570
2005	272379	107678.770	105238.590	2440.180	0.896	2.266	3417.44	1351.01	1320.39	30.616
2006	264118	104357.806	101910.708	2447.098	0.927	2.345	3281.83	1296.71	1266.30	30.407
2007	258419	102690.449	100143.969	2546.480	0.985	2.480	3176.05	1262.10	1230.80	31.297
2008	259461	103492.166	100595.678	2896.489	1.116	2.799	3150.91	1256.82	1221.64	35.175
2009	253907	101384.044	98256.929	3127.114	1.232	3.084	3045.20	1215.94	1178.43	37.505

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2242669.545	30574.13	0.526	1.345	3927.78	1535.76	1515.10	20.655

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.155	31.193	0.040	0.050	1185.97	950.993	950.519	0.474
1993	78542	62883.111	62817.790	65.321	0.083	0.104	1173.36	939.428	938.452	0.976
1994	77437	61805.804	61706.074	99.730	0.129	0.161	1135.48	906.276	904.814	1.462
1995	76904	61145.799	60996.752	149.047	0.194	0.244	1106.18	879.519	877.375	2.144
1996	76232	60385.323	60199.525	185.797	0.244	0.308	1079.72	855.277	852.645	2.632
1997	75473	59549.806	59353.255	196.551	0.260	0.330	1051.87	829.947	827.208	2.739
1998	75381	59292.315	59022.629	269.685	0.358	0.455	1033.62	813.010	809.312	3.698
1999	73159	57398.351	57066.583	331.768	0.453	0.578	987.557	774.807	770.329	4.478
2000	73784	57716.549	57304.204	412.345	0.559	0.714	981.515	767.777	762.292	5.485
2001	73294	57211.877	56756.359	455.518	0.621	0.796	962.399	751.230	745.249	5.981
2002	72442	56438.810	55936.045	502.765	0.694	0.891	940.422	732.673	726.147	6.527
2003	71942	55948.341	55430.697	517.645	0.720	0.925	923.937	718.533	711.885	6.648
2004	71301	55339.218	54808.892	530.326	0.744	0.958	905.490	702.783	696.048	6.735
2005	70964	54964.459	54424.339	540.120	0.761	0.983	890.360	689.620	682.843	6.777
2006	69658	53781.526	53249.444	532.082	0.764	0.989	865.543	668.268	661.657	6.611
2007	68565	52784.985	52237.505	547.479	0.798	1.037	842.687	648.745	642.016	6.729
2008	68226	52470.692	51823.048	647.645	0.949	1.234	828.542	637.208	629.343	7.865
2009	67509	51823.021	51118.902	704.119	1.043	1.359	809.661	621.533	613.089	8.445

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1153260.523	6728.006	0.456	0.580	997.213	783.665	779.120	4.545

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.978	88.873	0.054	0.248	2502.33	545.392	544.040	1.352
1993	164362	35459.800	35258.138	201.662	0.123	0.569	2455.45	529.744	526.731	3.013
1994	159866	34293.631	34005.163	288.468	0.180	0.841	2344.16	502.857	498.628	4.230
1995	158083	33531.695	33120.248	411.446	0.260	1.227	2273.86	482.318	476.400	5.918
1996	154875	32438.163	31927.792	510.371	0.330	1.573	2193.60	459.443	452.214	7.229
1997	149970	31179.663	30589.146	590.517	0.394	1.894	2090.14	434.552	426.322	8.230
1998	145407	29860.736	29208.825	651.911	0.448	2.183	1993.81	409.447	400.508	8.939
1999	165952	34413.904	33510.186	903.718	0.545	2.626	2240.15	464.545	452.346	12.199
2000	160260	33265.290	32307.878	957.412	0.597	2.878	2131.87	442.513	429.777	12.736
2001	154444	32074.102	31055.650	1018.451	0.659	3.175	2027.95	421.154	407.781	13.373
2002	151887	31817.956	30715.037	1102.920	0.726	3.466	1971.76	413.052	398.734	14.318
2003	146733	31025.931	29791.265	1234.667	0.841	3.979	1884.46	398.460	382.603	15.857
2004	138381	29503.602	28253.007	1250.595	0.904	4.239	1757.38	374.682	358.800	15.882
2005	135881	29077.894	27761.811	1316.083	0.969	4.526	1704.85	364.830	348.318	16.512
2006	131922	28385.448	27022.972	1362.475	1.033	4.800	1639.21	352.707	335.777	16.930
2007	126502	27327.625	25905.347	1422.279	1.124	5.205	1554.75	335.866	318.385	17.480
2008	125859	27025.472	25479.490	1545.982	1.228	5.720	1528.44	328.199	309.425	18.775
2009	122428	26361.626	24683.259	1678.367	1.371	6.367	1468.33	316.165	296.036	20.129

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	621800.614	16556.06	0.552	2.594	2024.64	431.261	420.076	11.185

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 17 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.639	12.557	0.039	0.287	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.912	34.224	0.104	0.775	491.442	65.944	65.433	0.511
1994	33323	4474.895	4422.470	52.425	0.157	1.172	488.625	65.617	64.848	0.769
1995	33569	4476.290	4397.623	78.668	0.234	1.757	482.855	64.387	63.255	1.132
1996	33870	4489.078	4385.461	103.617	0.306	2.308	479.723	63.582	62.114	1.468
1997	33516	4444.866	4313.215	131.652	0.393	2.962	467.113	61.948	60.113	1.835
1998	32795	4313.427	4182.430	130.997	0.399	3.037	449.682	59.145	57.349	1.796
1999	33375	4232.739	4082.762	149.976	0.449	3.543	450.521	57.137	55.112	2.024
2000	33459	4307.577	4154.254	153.323	0.458	3.559	445.090	57.302	55.262	2.040
2001	32275	4136.308	3985.345	150.964	0.468	3.650	423.792	54.312	52.330	1.982
2002	31586	4079.175	3925.759	153.415	0.486	3.761	410.041	52.955	50.963	1.992
2003	30985	4096.221	3905.717	190.504	0.615	4.651	397.934	52.607	50.160	2.447
2004	29884	4034.217	3842.278	191.939	0.642	4.758	379.513	51.233	48.795	2.438
2005	28708	3944.303	3750.050	194.253	0.677	4.925	360.189	49.488	47.051	2.437
2006	28188	3970.169	3763.384	206.786	0.734	5.208	350.253	49.332	46.762	2.569
2007	28026	3957.558	3731.950	225.608	0.805	5.701	344.449	48.640	45.867	2.773
2008	27128	3812.302	3588.201	224.100	0.826	5.878	329.444	46.297	43.575	2.721
2009	27068	3827.467	3569.002	258.465	0.955	6.753	324.637	45.904	42.804	3.100

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81812.720	2644.784	0.421	3.131	424.421	57.058	55.271	1.787

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.660	14.664	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.557	32.612	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19852.151	54.241	0.155	0.272	514.300	291.893	291.098	0.795
1995	34669	19512.784	19428.095	84.690	0.244	0.434	498.677	280.671	279.453	1.218
1996	34582	19294.631	19189.716	104.914	0.303	0.544	489.808	273.283	271.797	1.486
1997	35267	19490.717	19383.550	107.166	0.304	0.550	491.517	271.643	270.149	1.494
1998	35675	19571.902	19400.600	171.302	0.480	0.875	489.172	268.368	266.019	2.349
1999	38516	21022.469	20774.140	248.328	0.645	1.181	519.919	283.777	280.425	3.352
2000	36283	19687.992	19382.829	305.162	0.841	1.550	482.656	261.900	257.841	4.059
2001	36281	19625.032	19282.724	342.308	0.943	1.744	476.394	257.690	253.195	4.495
2002	35983	19408.801	19017.480	391.321	1.088	2.016	467.122	251.960	246.880	5.080
2003	36205	19481.360	19103.450	377.910	1.044	1.940	464.974	250.195	245.342	4.853
2004	34611	18541.224	18185.666	355.559	1.027	1.918	439.544	235.465	230.950	4.515
2005	36826	19692.114	19302.390	389.724	1.058	1.979	462.043	247.070	242.180	4.890
2006	34350	18220.663	17874.908	345.755	1.007	1.898	426.820	226.403	222.107	4.296
2007	35326	18620.282	18269.167	351.114	0.994	1.886	434.168	228.849	224.534	4.315
2008	38248	20183.701	19704.939	478.761	1.252	2.372	464.487	245.112	239.298	5.814
2009	36902	19371.930	18885.766	486.163	1.317	2.510	442.580	232.335	226.504	5.831

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385795.689	4645.285	0.652	1.190	481.512	263.774	260.636	3.138

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA9
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 18, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 18, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.004000	0.000400	0.000500	0.004000	0.000400	0.000500
15-19	1-24	0.004000	0.000400	0.001500	0.004000	0.000400	0.001500
20-24	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
25-29	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
30-34	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
35-39	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
40-44	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
45-49	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
50-54	1-24	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
55-59	1-24	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
60-64	1-24	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
65-69	1-24	0.004000	0.000400	0.003000	0.004000	0.000400	0.003000
70-74	1-24	0.004000	0.000400	0.003500	0.004000	0.000400	0.003500
75-79	1-24	0.004000	0.000400	0.004000	0.004000	0.000400	0.004000
10-14	25+	0.004000	0.000400	0.000500	0.004000	0.000400	0.000500
15-19	25+	0.004000	0.000400	0.001500	0.004000	0.000400	0.001500
20-24	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
25-29	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
30-34	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
35-39	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
40-44	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
45-49	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
50-54	25+	0.004000	0.000400	0.002000	0.004000	0.000400	0.002000
55-59	25+	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
60-64	25+	0.004000	0.000400	0.002500	0.004000	0.000400	0.002500
65-69	25+	0.004000	0.000400	0.003000	0.004000	0.000400	0.003000
70-74	25+	0.004000	0.000400	0.003500	0.004000	0.000400	0.003500
75-79	25+	0.004000	0.000400	0.004000	0.004000	0.000400	0.004000

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 18, Scenario: NULL

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		F (Females)
3. Year of start of process		1990
4. Number of simulations		1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 18, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2035.00	22.41	117.00	5.32			
5	All Ages	Current MRTP	98.00	1.08					
5	All Ages	Current Dual	67.00	0.74					
5	All Ages	Former	1994.00	21.96			14.73	114.00	5.72

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	224.00	26.54	3.00	1.18			
5	20-24	Current MRTP	17.00	2.01					
5	20-24	Current Dual	14.00	1.66					
5	20-24	Former	31.00	3.67			2.68	12.00	38.71
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	207.00	24.91	11.00	4.74			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	305.00	27.18	9.00	2.80			
5	35-39	Current MRTP	11.00	0.98					
5	35-39	Current Dual	6.00	0.53					
5	35-39	Former	239.00	21.30			8.47	17.00	7.11
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	214.00	22.06	9.00	4.05			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	251.00	25.88			11.61	13.00	5.18
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	172.00	21.21	7.00	3.83			
5	45-49	Current MRTP	5.00	0.62					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	206.00	25.40			11.14	13.00	6.31
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	121.00	22.62	6.00	4.69			
5	55-59	Current MRTP	5.00	0.93					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	155.00	28.97			15.09	4.00	2.58
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	108.00	20.15	15.00	13.04			
5	65-69	Current MRTP	2.00	0.37					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	161.00	30.04			21.20	8.00	4.97
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	78.00	14.47	14.00	16.67			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	175.00	32.47			24.78	6.00	3.43

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1906.00	20.92	187.00	8.47			
10	All Ages	Current MRTP	199.00	2.18					
10	All Ages	Current Dual	103.00	1.13					
10	All Ages	Former	2003.00	21.99			16.28	105.00	5.24

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	143.00	17.59	0.00	0.00			
10	20-24	Current MRTP	27.00	3.32					
10	20-24	Current Dual	23.00	2.83					
10	20-24	Former	19.00	2.34			2.32	8.00	42.11

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	218.00	25.83	5.00	1.84			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	24.00	2.84					
10	25-29	Former	49.00	5.81			5.41	8.00	16.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	197.00	23.71	16.00	6.84			
10	30-34	Current MRTP	23.00	2.77					
10	30-34	Current Dual	14.00	1.68					
10	30-34	Former	156.00	18.77			9.01	11.00	7.05

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	256.00	25.63	26.00	8.87			
10	35-39	Current MRTP	22.00	2.20					
10	35-39	Current Dual	15.00	1.50					
10	35-39	Former	196.00	19.62			11.18	10.00	5.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	267.00	23.80	19.00	6.57			
10	40-44	Current MRTP	16.00	1.43					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	272.00	24.24			11.46	17.00	6.25

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	185.00	19.07	21.00	10.05			
10	45-49	Current MRTP	18.00	1.86					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	264.00	27.22			15.34	7.00	2.65

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	158.00	19.48	16.00	9.30			
10	50-54	Current MRTP	11.00	1.36					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	217.00	26.76			14.56	10.00	4.61
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	17.00	11.81			
10	55-59	Current MRTP	10.00	1.61					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	176.00	28.34			18.44	6.00	3.41
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	107.00	20.00	7.00	6.03			
10	60-64	Current MRTP	8.00	1.50					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	167.00	31.21			18.09	5.00	2.99
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	10.00	10.31			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	141.00	28.89			23.50	4.00	2.84
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	88.00	16.42	20.00	19.42			
10	70-74	Current MRTP	12.00	2.24					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	173.00	32.28			23.55	8.00	4.62
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	70.00	12.99	30.00	34.88			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	173.00	32.10			27.29	11.00	6.36
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1638.00	19.11	234.00	11.61			
15	All Ages	Current MRTP	253.00	2.95					
15	All Ages	Current Dual	124.00	1.45					
15	All Ages	Former	2032.00	23.71			17.37	131.00	6.45
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	156.00	19.19	3.00	1.32			
15	25-29	Current MRTP	43.00	5.29					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	39.00	4.80			4.00	12.00	30.77
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	205.00	24.29	10.00	3.61			
15	30-34	Current MRTP	48.00	5.69					
15	30-34	Current Dual	24.00	2.84					
15	30-34	Former	77.00	9.12			6.83	16.00	20.78
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	172.00	20.70	24.00	11.21			
15	35-39	Current MRTP	28.00	3.37					
15	35-39	Current Dual	14.00	1.68					
15	35-39	Former	183.00	22.02			11.73	12.00	6.56
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	227.00	22.72	34.00	12.50			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	17.00	1.70					
15	40-44	Former	217.00	21.72			14.12	11.00	5.07
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	235.00	20.94	23.00	8.61			
15	45-49	Current MRTP	24.00	2.14					
15	45-49	Current Dual	8.00	0.71					
15	45-49	Former	294.00	26.20			14.76	16.00	5.44
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	158.00	16.29	29.00	15.59			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	9.00	0.93					
15	50-54	Former	287.00	29.59			17.99	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	142.00	17.51	23.00	14.65			
15	55-59	Current MRTP	10.00	1.23					
15	55-59	Current Dual	5.00	0.62					
15	55-59	Former	232.00	28.61			17.58	12.00	5.17
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	105.00	16.91	20.00	15.75			
15	60-64	Current MRTP	17.00	2.74					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	193.00	31.08			20.66	6.00	3.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	96.00	17.94	22.00	19.82			
15	65-69	Current MRTP	11.00	2.06					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	172.00	32.15			21.34	8.00	4.65
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	70.00	14.34	17.00	20.24			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	154.00	31.56			23.49	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	72.00	13.43	29.00	31.52			
15	75-79	Current MRTP	16.00	2.99					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	184.00	34.33			24.76	13.00	7.07
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1407.00	17.51	257.00	14.45			

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	263.00	3.27					
20	All Ages	Current Dual	109.00	1.36					
20	All Ages	Former	2029.00	25.26			18.87	122.00	6.01
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	160.00	19.68	5.00	2.15			
20	30-34	Current MRTP	46.00	5.66					
20	30-34	Current Dual	27.00	3.32					
20	30-34	Former	59.00	7.26			6.39	8.00	13.56
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	180.00	21.33	12.00	4.76			
20	35-39	Current MRTP	53.00	6.28					
20	35-39	Current Dual	19.00	2.25					
20	35-39	Former	114.00	13.51			8.24	21.00	18.42
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	153.00	18.41	28.00	14.51			
20	40-44	Current MRTP	32.00	3.85					
20	40-44	Current Dual	8.00	0.96					
20	40-44	Former	204.00	24.55			14.90	6.00	2.94
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	208.00	20.82	40.00	15.81			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	16.00	1.60					
20	45-49	Former	236.00	23.62			16.97	8.00	3.39
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	212.00	18.89	28.00	11.57			
20	50-54	Current MRTP	22.00	1.96					
20	50-54	Current Dual	8.00	0.71					
20	50-54	Former	319.00	28.43			17.50	16.00	5.02
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	138.00	14.23	36.00	21.43			
20	55-59	Current MRTP	23.00	2.37					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	305.00	31.44			20.69	15.00	4.92
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	118.00	14.55	32.00	21.92			
20	60-64	Current MRTP	20.00	2.47					

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	243.00	29.96			20.35	13.00	5.35

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	95.00	15.30	25.00	21.55			
20	65-69	Current MRTP	17.00	2.74					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	204.00	32.85			23.26	10.00	4.90

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	83.00	15.51	27.00	26.73			
20	70-74	Current MRTP	10.00	1.87					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	182.00	34.02			24.02	12.00	6.59

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	60.00	12.30	24.00	32.00			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	163.00	33.40			24.42	13.00	7.98

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.721	14.421	0.007	0.024	2778.64	842.922	842.720	0.202
1993	202512	62332.320	62288.112	44.208	0.022	0.071	2793.47	859.818	859.208	0.610
1994	200658	62691.239	62636.018	55.221	0.028	0.088	2725.82	851.622	850.872	0.750
1995	201023	63132.954	63049.820	83.134	0.041	0.132	2687.54	844.043	842.932	1.111
1996	201180	64309.880	64285.687	24.194	0.012	0.038	2653.67	848.280	847.961	0.319
1997	198639	64547.894	64496.591	51.302	0.026	0.079	2583.39	839.475	838.808	0.667
1998	197573	65384.866	65231.440	153.426	0.078	0.235	2533.29	838.367	836.400	1.967
1999	211329	67554.762	67285.907	268.855	0.127	0.398	2673.14	854.513	851.113	3.401
2000	208496	68184.366	67828.299	356.068	0.171	0.522	2604.20	851.652	847.204	4.447
2001	203606	68286.060	67793.479	492.582	0.242	0.721	2514.65	843.372	837.289	6.084
2002	200828	68983.996	68429.966	554.030	0.276	0.803	2455.47	843.450	836.676	6.774
2003	196352	68717.830	67941.950	775.880	0.395	1.129	2377.49	832.057	822.663	9.395
2004	188160	67344.952	66261.865	1083.086	0.576	1.608	2254.66	806.974	793.995	12.978
2005	186416	67846.650	66536.733	1309.917	0.703	1.931	2208.07	803.634	788.118	15.516
2006	180088	66622.465	64848.801	1773.664	0.985	2.662	2113.55	781.893	761.077	20.816
2007	175644	65977.201	63900.026	2077.175	1.183	3.148	2039.92	766.256	742.132	24.124
2008	177570	67121.344	64892.292	2229.052	1.255	3.321	2039.03	770.751	745.155	25.596
2009	172806	66622.993	64073.191	2549.802	1.476	3.827	1961.22	756.123	727.184	28.938

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1288411.669	13904.70	0.356	1.068	2465.77	823.300	814.510	8.790

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.052	3.395	0.007	0.010	635.738	459.227	459.180	0.048
1993	46291	33467.735	33459.714	8.022	0.017	0.024	638.542	461.657	461.546	0.111
1994	47017	33989.389	33982.723	6.666	0.014	0.020	638.697	461.725	461.635	0.091
1995	47840	34566.580	34554.376	12.204	0.026	0.035	639.587	462.131	461.968	0.163
1996	48244	34997.958	35010.684	-12.727	-0.026	-0.036	636.363	461.641	461.809	-0.168
1997	49035	35549.658	35553.522	-3.865	-0.008	-0.011	637.723	462.340	462.390	-0.050
1998	49686	36138.033	36119.212	18.821	0.038	0.052	637.076	463.363	463.122	0.241
1999	48883	35506.142	35473.450	32.692	0.067	0.092	618.331	449.124	448.711	0.414
2000	50331	36573.306	36514.964	58.343	0.116	0.160	628.656	456.816	456.087	0.729
2001	50389	36733.445	36641.866	91.579	0.182	0.249	622.333	453.679	452.548	1.131
2002	51445	37627.700	37509.374	118.326	0.230	0.314	629.005	460.065	458.618	1.447
2003	51408	37552.784	37360.433	192.351	0.374	0.512	622.464	454.701	452.372	2.329
2004	51399	37527.823	37235.098	292.725	0.570	0.780	615.898	449.684	446.177	3.508
2005	51421	37486.186	37132.555	353.631	0.688	0.943	609.074	444.018	439.830	4.189
2006	51355	37409.496	36882.306	527.190	1.027	1.409	602.712	439.045	432.858	6.187
2007	51839	37602.867	36962.347	640.520	1.236	1.703	602.056	436.718	429.279	7.439
2008	50976	36986.957	36324.409	662.548	1.300	1.791	585.355	424.719	417.111	7.608
2009	51193	37201.944	36405.307	796.637	1.556	2.141	581.003	422.215	413.174	9.041

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	708101.513	3803.326	0.388	0.534	619.890	450.053	447.648	2.404

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12330.830	7.165	0.008	0.058	1311.71	172.682	172.582	0.100
1993	93679	12401.934	12376.499	25.435	0.027	0.205	1292.22	171.073	170.723	0.351
1994	90832	12128.576	12089.777	38.799	0.043	0.320	1233.90	164.759	164.232	0.527
1995	89698	11958.696	11907.189	51.507	0.057	0.431	1199.20	159.879	159.191	0.689
1996	88286	12020.749	11970.364	50.386	0.057	0.419	1164.54	158.560	157.895	0.665
1997	84777	11593.724	11525.972	67.751	0.080	0.584	1102.56	150.782	149.901	0.881
1998	82517	11337.035	11220.767	116.268	0.141	1.026	1058.04	145.364	143.873	1.491
1999	93939	13027.458	12826.118	201.340	0.214	1.546	1188.25	164.787	162.240	2.547
2000	90039	12607.547	12382.803	224.744	0.250	1.783	1124.63	157.474	154.666	2.807
2001	86119	12350.451	12052.857	297.594	0.346	2.410	1063.62	152.535	148.860	3.675
2002	83014	12112.097	11785.404	326.693	0.394	2.697	1014.99	148.092	144.097	3.994
2003	79302	11683.252	11294.713	388.539	0.490	3.326	960.214	141.465	136.760	4.705
2004	73861	11139.095	10646.071	493.025	0.668	4.426	885.053	133.476	127.569	5.908
2005	71649	10884.683	10318.513	566.169	0.790	5.202	848.672	128.927	122.221	6.706
2006	67551	10397.565	9716.549	681.015	1.008	6.550	792.791	122.028	114.035	7.993
2007	63503	9785.831	9017.150	768.681	1.210	7.855	737.521	113.652	104.725	8.927
2008	63171	9922.524	9101.066	821.458	1.300	8.279	725.389	113.940	104.507	9.433
2009	59747	9483.598	8600.884	882.713	1.477	9.308	678.085	107.632	97.614	10.018

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	226473.567	6008.982	0.364	2.585	1043.56	146.971	143.172	3.799

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 18 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.851	1.597	0.005	0.052	455.708	43.324	43.301	0.022
1993	32768	3114.516	3107.756	6.761	0.021	0.217	452.005	42.962	42.869	0.093
1994	33005	3168.398	3157.997	10.402	0.032	0.328	448.353	43.041	42.899	0.141
1995	33730	3200.274	3185.040	15.234	0.045	0.476	450.946	42.785	42.582	0.204
1996	33750	3234.738	3218.814	15.924	0.047	0.492	445.180	42.668	42.458	0.210
1997	33699	3240.665	3227.365	13.300	0.039	0.410	438.271	42.146	41.973	0.173
1998	33274	3171.578	3141.296	30.282	0.091	0.955	426.640	40.666	40.278	0.388
1999	33891	3153.786	3101.202	52.584	0.155	1.667	428.694	39.893	39.228	0.665
2000	33827	3237.043	3164.595	72.448	0.214	2.238	422.514	40.432	39.527	0.905
2001	32506	3110.972	3015.916	95.056	0.292	3.056	401.468	38.422	37.248	1.174
2002	32078	3123.298	3014.058	109.240	0.341	3.498	392.210	38.188	36.852	1.336
2003	30568	3025.984	2900.708	125.276	0.410	4.140	370.127	36.640	35.123	1.517
2004	29388	2983.453	2821.352	162.101	0.552	5.433	352.147	35.750	33.807	1.942
2005	27954	2926.679	2740.993	185.686	0.664	6.345	331.111	34.666	32.467	2.199
2006	27201	2889.308	2669.358	219.950	0.809	7.613	319.236	33.909	31.328	2.581
2007	26302	2810.025	2558.949	251.076	0.955	8.935	305.470	32.636	29.720	2.916
2008	25998	2773.025	2511.924	261.101	1.004	9.416	298.534	31.843	28.844	2.998
2009	25040	2723.293	2435.102	288.191	1.151	10.582	284.186	30.907	27.637	3.271

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59375.040	1916.703	0.307	3.127	394.195	38.747	37.536	1.212

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.988	2.264	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13344.143	3.991	0.013	0.030	410.705	184.125	184.070	0.055
1994	29804	13404.876	13405.522	-0.646	-0.002	-0.005	404.869	182.097	182.106	-0.009
1995	29755	13407.404	13403.215	4.189	0.014	0.031	397.803	179.248	179.192	0.056
1996	30900	14056.435	14085.825	-29.390	-0.095	-0.209	407.587	185.412	185.799	-0.388
1997	31128	14163.848	14189.732	-25.884	-0.083	-0.183	404.834	184.207	184.544	-0.337
1998	32096	14738.220	14750.166	-11.946	-0.037	-0.081	411.536	188.974	189.127	-0.153
1999	34616	15867.376	15885.136	-17.760	-0.051	-0.112	437.865	200.710	200.934	-0.225
2000	34299	15766.470	15765.938	0.532	0.002	0.003	428.409	196.930	196.923	0.007
2001	34592	16091.193	16082.840	8.353	0.024	0.052	427.231	198.736	198.632	0.103
2002	34291	16120.902	16121.130	-0.229	-0.001	-0.001	419.268	197.106	197.109	-0.003
2003	35074	16455.810	16386.096	69.714	0.199	0.424	424.687	199.252	198.408	0.844
2004	33512	15694.580	15559.344	135.236	0.404	0.862	401.564	188.063	186.443	1.620
2005	35392	16549.102	16344.672	204.430	0.578	1.235	419.213	196.022	193.600	2.421
2006	33981	15926.096	15580.588	345.508	1.017	2.169	398.807	186.912	182.857	4.055
2007	34000	15778.477	15361.580	416.897	1.226	2.642	394.875	183.251	178.409	4.842
2008	37425	17438.838	16954.892	483.946	1.293	2.775	429.749	200.249	194.692	5.557
2009	36826	17214.158	16631.897	582.261	1.581	3.382	417.948	195.368	188.760	6.608

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294461.549	2175.684	0.337	0.733	408.132	187.528	186.153	1.375

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA10
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 19, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 19, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA10

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000075	0.000015	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000100	0.000020	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000150	0.000030	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000075	0.000015	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000100	0.000020	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000150	0.000030	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 19, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 19, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2493.00	27.17	147.00	5.51			
5	All Ages	Current MRTP	99.00	1.08					
5	All Ages	Current Dual	76.00	0.83					
5	All Ages	Former	2608.00	28.42			15.45	150.00	5.75

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	239.00	26.12	1.00	0.38			
5	20-24	Current MRTP	13.00	1.42					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	33.00	3.61			2.94	9.00	27.27
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.31			
5	25-29	Current MRTP	20.00	2.09					
5	25-29	Current Dual	7.00	0.73					
5	25-29	Former	117.00	12.21			4.88	22.00	18.80
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	360.00	33.52	9.00	2.41			
5	30-34	Current MRTP	7.00	0.65					
5	30-34	Current Dual	7.00	0.65					
5	30-34	Former	206.00	19.18			6.32	24.00	11.65
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	340.00	31.39	14.00	3.98			
5	35-39	Current MRTP	7.00	0.65					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	253.00	23.36			7.79	18.00	7.11
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	288.00	29.60	13.00	4.41			
5	40-44	Current MRTP	4.00	0.41					
5	40-44	Current Dual	3.00	0.31					
5	40-44	Former	272.00	27.95			12.20	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	238.00	27.71	11.00	4.38			
5	45-49	Current MRTP	6.00	0.70					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	300.00	34.92			13.73	12.00	4.00
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	197.00	31.27	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	141.00	26.91	13.00	8.78			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	221.00	42.18			16.82	14.00	6.33
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.70			
5	60-64	Current MRTP	8.00	1.55					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	248.00	48.16			18.81	7.00	2.82
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.48			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	2.00	0.40					
5	65-69	Former	258.00	51.60			21.94	10.00	3.88
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	71.00	15.85	23.00	26.14			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	8.00	1.79					
5	70-74	Former	254.00	56.70			22.43	9.00	3.54

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	71.00	19.78	15.00	18.75			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	211.00	58.77			24.13	7.00	3.32

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2330.00	24.85	246.00	9.10			
10	All Ages	Current MRTP	218.00	2.33					
10	All Ages	Current Dual	154.00	1.64					
10	All Ages	Former	2600.00	27.73			17.22	162.00	6.23

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	171.00	19.08	0.00	0.00			
10	20-24	Current MRTP	35.00	3.91					
10	20-24	Current Dual	42.00	4.69					
10	20-24	Former	21.00	2.34			2.10	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	244.00	26.67	6.00	1.98			
10	25-29	Current MRTP	26.00	2.84					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	59.00	6.45			4.97	15.00	25.42

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	252.00	26.30	9.00	2.92			
10	30-34	Current MRTP	36.00	3.76					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	151.00	15.76			7.74	16.00	10.60

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	329.00	30.63	20.00	5.62			
10	35-39	Current MRTP	19.00	1.77					
10	35-39	Current Dual	8.00	0.74					
10	35-39	Former	230.00	21.42			9.91	17.00	7.39

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	293.00	27.05	27.00	8.49			
10	40-44	Current MRTP	19.00	1.75					
10	40-44	Current Dual	6.00	0.55					
10	40-44	Former	287.00	26.50			10.95	20.00	6.97

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	265.00	27.24	24.00	8.48			
10	45-49	Current MRTP	11.00	1.13					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	284.00	29.19			15.90	13.00	4.58

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	217.00	25.26	29.00	11.89			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	307.00	35.74			17.33	5.00	1.63
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	28.00	14.74			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	248.00	39.37			20.27	10.00	4.03
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	125.00	23.85	18.00	13.43			
10	60-64	Current MRTP	3.00	0.57					
10	60-64	Current Dual	6.00	1.15					
10	60-64	Former	235.00	44.85			19.63	11.00	4.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	101.00	19.61	24.00	20.34			
10	65-69	Current MRTP	13.00	2.52					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	256.00	49.71			21.59	15.00	5.86
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	104.00	20.80	30.00	25.42			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	3.00	0.60					
10	70-74	Former	262.00	52.40			24.17	17.00	6.49
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	59.00	13.17	31.00	37.80			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	260.00	58.04			25.01	14.00	5.38
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2074.00	23.23	312.00	12.30			
15	All Ages	Current MRTP	285.00	3.19					
15	All Ages	Current Dual	177.00	1.98					
15	All Ages	Former	2523.00	28.26			18.74	143.00	5.67
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	180.00	20.09	2.00	0.70			
15	25-29	Current MRTP	56.00	6.25					
15	25-29	Current Dual	51.00	5.69					
15	25-29	Former	44.00	4.91			4.32	10.00	22.73
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	227.00	24.81	13.00	4.25			
15	30-34	Current MRTP	40.00	4.37					
15	30-34	Current Dual	39.00	4.26					
15	30-34	Former	84.00	9.18			6.87	16.00	19.05
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	233.00	24.32	20.00	6.78			
15	35-39	Current MRTP	38.00	3.97					
15	35-39	Current Dual	24.00	2.51					
15	35-39	Former	173.00	18.06			10.66	15.00	8.67
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	293.00	27.28	27.00	8.26			
15	40-44	Current MRTP	24.00	2.23					
15	40-44	Current Dual	10.00	0.93					
15	40-44	Former	259.00	24.12			12.82	15.00	5.79
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	269.00	24.84	40.00	13.33			
15	45-49	Current MRTP	23.00	2.12					
15	45-49	Current Dual	8.00	0.74					
15	45-49	Former	305.00	28.16			14.58	13.00	4.26
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	225.00	23.12	29.00	11.74			
15	50-54	Current MRTP	16.00	1.64					
15	50-54	Current Dual	6.00	0.62					
15	50-54	Former	320.00	32.89			18.16	16.00	5.00
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	191.00	22.24	38.00	16.96			
15	55-59	Current MRTP	21.00	2.44					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.18	21.00	6.42
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	34.00	18.89			
15	60-64	Current MRTP	20.00	3.17					
15	60-64	Current Dual	4.00	0.63					
15	60-64	Former	258.00	40.95			22.68	13.00	5.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	117.00	22.33	30.00	22.73			
15	65-69	Current MRTP	9.00	1.72					
15	65-69	Current Dual	6.00	1.15					
15	65-69	Former	237.00	45.23			22.72	6.00	2.53
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	90.00	17.48	38.00	31.15			
15	70-74	Current MRTP	21.00	4.08					
15	70-74	Current Dual	11.00	2.14					
15	70-74	Former	252.00	48.93			25.12	8.00	3.17
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	93.00	18.60	41.00	35.34			
15	75-79	Current MRTP	17.00	3.40					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	264.00	52.80			26.24	10.00	3.79
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1748.00	20.74	354.00	15.73			

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	311.00	3.69					
20	All Ages	Current Dual	192.00	2.28					
20	All Ages	Former	2456.00	29.14			19.69	150.00	6.11

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	168.00	18.75	4.00	1.49			
20	30-34	Current MRTP	52.00	5.80					
20	30-34	Current Dual	48.00	5.36					
20	30-34	Former	81.00	9.04			5.95	17.00	20.99

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	201.00	21.97	15.00	5.32			
20	35-39	Current MRTP	44.00	4.81					
20	35-39	Current Dual	37.00	4.04					
20	35-39	Former	118.00	12.90			8.35	19.00	16.10

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	210.00	21.92	25.00	9.09			
20	40-44	Current MRTP	39.00	4.07					
20	40-44	Current Dual	26.00	2.71					
20	40-44	Former	193.00	20.15			13.53	11.00	5.70

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	269.00	25.05	33.00	10.78			
20	45-49	Current MRTP	26.00	2.42					
20	45-49	Current Dual	11.00	1.02					
20	45-49	Former	280.00	26.07			15.82	17.00	6.07

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	233.00	21.51	51.00	18.41			
20	50-54	Current MRTP	35.00	3.23					
20	50-54	Current Dual	9.00	0.83					
20	50-54	Former	328.00	30.29			17.45	11.00	3.35

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	196.00	20.14	37.00	16.44			
20	55-59	Current MRTP	19.00	1.95					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	342.00	35.15			20.77	16.00	4.68

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	170.00	19.79	48.00	22.86			
20	60-64	Current MRTP	23.00	2.68					

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	341.00	39.70			22.37	17.00	4.99

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	129.00	20.48	43.00	26.06			
20	65-69	Current MRTP	29.00	4.60					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	273.00	43.33			24.19	15.00	5.49

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	101.00	19.27	44.00	34.11			
20	70-74	Current MRTP	19.00	3.63					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	240.00	45.80			25.38	13.00	5.42

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	71.00	13.79	54.00	47.37			
20	75-79	Current MRTP	25.00	4.85					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	260.00	50.49			25.80	14.00	5.38

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124099.056	33.528	0.011	0.027	4845.61	1920.39	1919.87	0.519
1992	308577	122143.718	122008.409	135.309	0.044	0.111	4692.62	1857.47	1855.42	2.058
1993	311713	123269.216	122951.445	317.772	0.102	0.258	4656.77	1841.55	1836.81	4.747
1994	305700	120480.723	120010.415	470.309	0.154	0.390	4482.57	1766.64	1759.75	6.896
1995	303225	118666.569	117973.675	692.894	0.229	0.584	4361.58	1706.89	1696.93	9.967
1996	299559	116607.195	115713.494	893.701	0.298	0.766	4242.85	1651.58	1638.93	12.658
1997	294226	114665.051	113648.909	1016.142	0.345	0.886	4100.64	1598.09	1583.93	14.162
1998	289258	113038.380	111801.456	1236.924	0.428	1.094	3966.28	1549.97	1533.01	16.961
1999	311002	117067.463	115437.529	1629.934	0.524	1.392	4198.14	1580.27	1558.26	22.002
2000	303786	114977.407	113208.291	1769.117	0.582	1.539	4041.13	1529.49	1505.96	23.534
2001	296294	113047.319	111133.898	1913.421	0.646	1.693	3890.54	1484.39	1459.26	25.124
2002	291898	111744.742	109691.957	2052.785	0.703	1.837	3789.34	1450.64	1423.99	26.649
2003	285865	110551.854	108323.798	2228.056	0.779	2.015	3671.31	1419.80	1391.18	28.614
2004	274177	107418.262	105179.744	2238.518	0.816	2.084	3481.92	1364.16	1335.73	28.428
2005	272379	107678.770	105355.789	2322.981	0.853	2.157	3417.44	1351.01	1321.86	29.146
2006	264118	104357.806	102030.131	2327.675	0.881	2.230	3281.83	1296.71	1267.79	28.923
2007	258419	102690.449	100237.052	2453.397	0.949	2.389	3176.05	1262.10	1231.95	30.153
2008	259461	103492.166	100707.611	2784.555	1.073	2.691	3150.91	1256.82	1223.00	33.816
2009	253907	101384.044	98405.636	2978.408	1.173	2.938	3045.20	1215.94	1180.22	35.721

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2243748.253	29495.43	0.507	1.298	3927.78	1535.76	1515.83	19.927

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.745	9.041	0.012	0.014	1213.84	975.702	975.562	0.140
1992	77987	62535.347	62505.867	29.480	0.038	0.047	1185.97	950.993	950.545	0.448
1993	78542	62883.111	62820.033	63.078	0.080	0.100	1173.36	939.428	938.486	0.942
1994	77437	61805.804	61709.363	96.441	0.125	0.156	1135.48	906.276	904.862	1.414
1995	76904	61145.799	61001.111	144.689	0.188	0.237	1106.18	879.519	877.437	2.081
1996	76232	60385.323	60200.990	184.333	0.242	0.305	1079.72	855.277	852.666	2.611
1997	75473	59549.806	59351.639	198.167	0.263	0.333	1051.87	829.947	827.185	2.762
1998	75381	59292.315	59013.163	279.151	0.370	0.471	1033.62	813.010	809.182	3.828
1999	73159	57398.351	57059.718	338.633	0.463	0.590	987.557	774.807	770.236	4.571
2000	73784	57716.549	57307.843	408.706	0.554	0.708	981.515	767.777	762.340	5.437
2001	73294	57211.877	56753.868	458.009	0.625	0.801	962.399	751.230	745.216	6.014
2002	72442	56438.810	55944.448	494.362	0.682	0.876	940.422	732.673	726.256	6.418
2003	71942	55948.341	55438.838	509.504	0.708	0.911	923.937	718.533	711.990	6.543
2004	71301	55339.218	54808.440	530.778	0.744	0.959	905.490	702.783	696.042	6.741
2005	70964	54964.459	54430.984	533.475	0.752	0.971	890.360	689.620	682.926	6.693
2006	69658	53781.526	53261.163	520.363	0.747	0.968	865.543	668.268	661.803	6.466
2007	68565	52784.985	52245.885	539.100	0.786	1.021	842.687	648.745	642.119	6.626
2008	68226	52470.692	51841.926	628.766	0.922	1.198	828.542	637.208	629.572	7.636
2009	67509	51823.021	51148.123	674.898	1.000	1.302	809.661	621.533	613.439	8.094

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1153347.554	6640.974	0.450	0.573	997.213	783.665	779.179	4.487

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.902	19.482	0.012	0.053	2599.72	573.449	573.148	0.301
1992	164548	35863.851	35782.469	81.382	0.049	0.227	2502.33	545.392	544.154	1.238
1993	164362	35459.800	35266.752	193.049	0.117	0.544	2455.45	529.744	526.860	2.884
1994	159866	34293.631	34019.155	274.476	0.172	0.800	2344.16	502.857	498.833	4.025
1995	158083	33531.695	33138.965	392.730	0.248	1.171	2273.86	482.318	476.669	5.649
1996	154875	32438.163	31934.293	503.870	0.325	1.553	2193.60	459.443	452.306	7.137
1997	149970	31179.663	30600.334	579.328	0.386	1.858	2090.14	434.552	426.478	8.074
1998	145407	29860.736	29212.725	648.011	0.446	2.170	1993.81	409.447	400.562	8.885
1999	165952	34413.904	33529.817	884.087	0.533	2.569	2240.15	464.545	452.611	11.934
2000	160260	33265.290	32360.441	904.849	0.565	2.720	2131.87	442.513	430.476	12.037
2001	154444	32074.102	31116.313	957.789	0.620	2.986	2027.95	421.154	408.578	12.576
2002	151887	31817.956	30798.147	1019.810	0.671	3.205	1971.76	413.052	399.813	13.239
2003	146733	31025.931	29870.137	1155.794	0.788	3.725	1884.46	398.460	383.616	14.844
2004	138381	29503.602	28344.831	1158.771	0.837	3.928	1757.38	374.682	359.966	14.716
2005	135881	29077.894	27869.885	1208.009	0.889	4.154	1704.85	364.830	349.674	15.156
2006	131922	28385.448	27124.561	1260.887	0.956	4.442	1639.21	352.707	337.039	15.667
2007	126502	27327.625	25990.115	1337.511	1.057	4.894	1554.75	335.866	319.427	16.438
2008	125859	27025.472	25561.129	1464.343	1.163	5.418	1528.44	328.199	310.416	17.783
2009	122428	26361.626	24784.694	1576.932	1.288	5.982	1468.33	316.165	297.252	18.913

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	622735.560	15621.11	0.521	2.447	2024.64	431.261	420.708	10.553

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 19 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.614	1.369	0.004	0.031	504.630	69.431	69.410	0.021
1992	32100	4371.196	4359.699	11.497	0.036	0.263	488.154	66.474	66.299	0.175
1993	32896	4414.136	4381.245	32.891	0.100	0.745	491.442	65.944	65.453	0.491
1994	33323	4474.895	4423.748	51.147	0.153	1.143	488.625	65.617	64.867	0.750
1995	33569	4476.290	4398.819	77.471	0.231	1.731	482.855	64.387	63.272	1.114
1996	33870	4489.078	4383.172	105.906	0.313	2.359	479.723	63.582	62.082	1.500
1997	33516	4444.866	4313.849	131.018	0.391	2.948	467.113	61.948	60.122	1.826
1998	32795	4313.427	4183.097	130.330	0.397	3.021	449.682	59.145	57.358	1.787
1999	33375	4232.739	4081.312	151.426	0.454	3.578	450.521	57.137	55.093	2.044
2000	33459	4307.577	4157.485	150.092	0.449	3.484	445.090	57.302	55.305	1.997
2001	32275	4136.308	3990.416	145.893	0.452	3.527	423.792	54.312	52.397	1.916
2002	31586	4079.175	3933.029	146.145	0.463	3.583	410.041	52.955	51.058	1.897
2003	30985	4096.221	3916.106	180.115	0.581	4.397	397.934	52.607	50.294	2.313
2004	29884	4034.217	3856.921	177.296	0.593	4.395	379.513	51.233	48.981	2.252
2005	28708	3944.303	3766.019	178.284	0.621	4.520	360.189	49.488	47.251	2.237
2006	28188	3970.169	3775.995	194.175	0.689	4.891	350.253	49.332	46.919	2.413
2007	28026	3957.558	3739.899	217.658	0.777	5.500	344.449	48.640	45.965	2.675
2008	27128	3812.302	3596.431	215.870	0.796	5.662	329.444	46.297	43.675	2.622
2009	27068	3827.467	3578.936	248.531	0.918	6.493	324.637	45.904	42.924	2.981

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81910.390	2547.113	0.405	3.016	424.421	57.058	55.337	1.721

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.796	3.635	0.011	0.019	527.418	301.804	301.748	0.056
1992	33942	19373.324	19360.374	12.950	0.038	0.067	516.166	294.616	294.419	0.197
1993	35913	20512.169	20483.415	28.754	0.080	0.140	536.514	306.437	306.007	0.430
1994	35074	19906.392	19858.148	48.244	0.138	0.242	514.300	291.893	291.186	0.707
1995	34669	19512.784	19434.781	78.004	0.225	0.400	498.677	280.671	279.549	1.122
1996	34582	19294.631	19195.039	99.591	0.288	0.516	489.808	273.283	271.872	1.411
1997	35267	19490.717	19383.087	107.630	0.305	0.552	491.517	271.643	270.143	1.500
1998	35675	19571.902	19392.470	179.432	0.503	0.917	489.172	268.368	265.908	2.460
1999	38516	21022.469	20766.682	255.787	0.664	1.217	519.919	283.777	280.325	3.453
2000	36283	19687.992	19382.522	305.470	0.842	1.552	482.656	261.900	257.837	4.064
2001	36281	19625.032	19273.302	351.730	0.969	1.792	476.394	257.690	253.071	4.618
2002	35983	19408.801	19016.333	392.468	1.091	2.022	467.122	251.960	246.865	5.095
2003	36205	19481.360	19098.717	382.643	1.057	1.964	464.974	250.195	245.281	4.914
2004	34611	18541.224	18169.552	371.673	1.074	2.005	439.544	235.465	230.745	4.720
2005	36826	19692.114	19288.901	403.213	1.095	2.048	462.043	247.070	242.011	5.059
2006	34350	18220.663	17868.412	352.251	1.025	1.933	426.820	226.403	222.026	4.377
2007	35326	18620.282	18261.153	359.128	1.017	1.929	434.168	228.849	224.436	4.414
2008	38248	20183.701	19708.125	475.576	1.243	2.356	464.487	245.112	239.337	5.775
2009	36902	19371.930	18893.883	478.047	1.295	2.468	442.580	232.335	226.602	5.733

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385754.749	4686.225	0.657	1.200	481.512	263.774	260.608	3.166

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA10
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 20, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 20, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA10

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000075	0.000015	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000100	0.000020	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000150	0.000030	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000225	0.000045	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000075	0.000015	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000100	0.000020	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000150	0.000030	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000225	0.000045	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 20, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 20, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2051.00	22.59	118.00	5.35			
5	All Ages	Current MRTP	88.00	0.97					
5	All Ages	Current Dual	67.00	0.74					
5	All Ages	Former	1988.00	21.89			14.77	114.00	5.73

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	2.00	0.67			1.00	2.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	225.00	26.66	3.00	1.16			
5	20-24	Current MRTP	17.00	2.01					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	28.00	3.32			2.89	10.00	35.71
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	206.00	24.79	9.00	3.96			
5	25-29	Current MRTP	14.00	1.68					
5	25-29	Current Dual	7.00	0.84					
5	25-29	Former	141.00	16.97			5.33	14.00	9.93
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	285.00	28.53	13.00	4.36			
5	30-34	Current MRTP	5.00	0.50					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	179.00	17.92			7.85	13.00	7.26
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	306.00	27.27	9.00	2.80			
5	35-39	Current MRTP	12.00	1.07					
5	35-39	Current Dual	4.00	0.36					
5	35-39	Former	239.00	21.30			8.51	13.00	5.44
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	215.00	22.16	9.00	4.07			
5	40-44	Current MRTP	4.00	0.41					
5	40-44	Current Dual	2.00	0.21					
5	40-44	Former	252.00	25.98			11.56	15.00	5.95
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	176.00	21.70	9.00	4.79			
5	45-49	Current MRTP	6.00	0.74					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	201.00	24.78			11.36	13.00	6.47
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	149.00	23.99	9.00	5.84			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	123.00	22.99	7.00	5.47			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	155.00	28.97			15.08	6.00	3.87
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.54			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.36	3.00	2.29
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	77.00	14.29	13.00	15.66			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	176.00	32.65			24.65	6.00	3.41

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	51.00	10.49	14.00	22.95			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	5.00	1.03					
5	75-79	Former	158.00	32.51			28.15	2.00	1.27

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1909.00	20.96	191.00	8.64			
10	All Ages	Current MRTP	184.00	2.02					
10	All Ages	Current Dual	118.00	1.30					
10	All Ages	Former	2000.00	21.96			16.27	116.00	5.80

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	0.00	0.00			
10	20-24	Current MRTP	26.00	3.20					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	20.00	2.46			2.55	7.00	35.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	213.00	25.24	5.00	1.88			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	23.00	2.73					
10	25-29	Former	55.00	6.52			4.78	14.00	25.45

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	189.00	22.74	15.00	6.61			
10	30-34	Current MRTP	24.00	2.89					
10	30-34	Current Dual	14.00	1.68					
10	30-34	Former	163.00	19.61			8.82	13.00	7.98

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	262.00	26.23	26.00	8.78			
10	35-39	Current MRTP	16.00	1.60					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	193.00	19.32			11.21	8.00	4.15

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	271.00	24.15	20.00	6.78			
10	40-44	Current MRTP	18.00	1.60					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	266.00	23.71			11.72	15.00	5.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	190.00	19.59	20.00	9.66			
10	45-49	Current MRTP	10.00	1.03					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	266.00	27.42			15.20	12.00	4.51

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	161.00	19.85	20.00	11.11			
10	50-54	Current MRTP	13.00	1.60					
10	50-54	Current Dual	6.00	0.74					
10	50-54	Former	209.00	25.77			14.89	10.00	4.78
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	132.00	21.26	16.00	11.03			
10	55-59	Current MRTP	9.00	1.45					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	175.00	28.18			18.49	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	110.00	20.56	12.00	9.84			
10	60-64	Current MRTP	8.00	1.50					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	161.00	30.09			18.66	4.00	2.48
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	91.00	18.65	11.00	11.22			
10	65-69	Current MRTP	4.00	0.82					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	140.00	28.69			23.66	4.00	2.86
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	18.00	18.00			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	176.00	32.84			23.15	12.00	6.82
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	67.00	12.43	28.00	33.73			
10	75-79	Current MRTP	15.00	2.78					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.90	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1637.00	19.10	244.00	12.06			
15	All Ages	Current MRTP	237.00	2.77					
15	All Ages	Current Dual	150.00	1.75					
15	All Ages	Former	2023.00	23.61			17.39	132.00	6.52
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	146.00	17.96	2.00	0.88			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	40.00	4.92					
15	25-29	Former	39.00	4.80			4.26	13.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	195.00	23.10	8.00	2.99			
15	30-34	Current MRTP	45.00	5.33					
15	30-34	Current Dual	28.00	3.32					
15	30-34	Former	86.00	10.19			6.52	17.00	19.77
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	167.00	20.10	26.00	12.32			
15	35-39	Current MRTP	30.00	3.61					
15	35-39	Current Dual	14.00	1.68					
15	35-39	Former	186.00	22.38			11.88	8.00	4.30
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	230.00	23.02	32.00	11.81			
15	40-44	Current MRTP	19.00	1.90					
15	40-44	Current Dual	22.00	2.20					
15	40-44	Former	218.00	21.82			13.89	13.00	5.96
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	237.00	21.12	29.00	10.62			
15	45-49	Current MRTP	27.00	2.41					
15	45-49	Current Dual	9.00	0.80					
15	45-49	Former	288.00	25.67			15.01	12.00	4.17
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	167.00	17.22	29.00	15.26			
15	50-54	Current MRTP	13.00	1.34					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	283.00	29.18			18.18	14.00	4.95
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	143.00	17.63	26.00	15.95			
15	55-59	Current MRTP	14.00	1.73					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	226.00	27.87			17.64	15.00	6.64
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	19.00	14.96			
15	60-64	Current MRTP	14.00	2.25					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	193.00	31.08			20.53	10.00	5.18
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	99.00	18.50	25.00	22.12			
15	65-69	Current MRTP	11.00	2.06					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	170.00	31.78			21.44	8.00	4.71
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	73.00	14.96	20.00	22.47			
15	70-74	Current MRTP	7.00	1.43					
15	70-74	Current Dual	9.00	1.84					
15	70-74	Former	149.00	30.53			24.11	10.00	6.71
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	71.00	13.25	28.00	30.77			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.69	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1393.00	17.34	263.00	14.67			

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	251.00	3.12					
20	All Ages	Current Dual	149.00	1.85					
20	All Ages	Former	2015.00	25.08			18.90	116.00	5.76

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	143.00	17.59	4.00	1.76			
20	30-34	Current MRTP	45.00	5.54					
20	30-34	Current Dual	39.00	4.80					
20	30-34	Former	65.00	8.00			6.08	12.00	18.46

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	168.00	19.91	11.00	4.40			
20	35-39	Current MRTP	50.00	5.92					
20	35-39	Current Dual	32.00	3.79					
20	35-39	Former	116.00	13.74			8.55	16.00	13.79

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	146.00	17.57	30.00	15.79			
20	40-44	Current MRTP	30.00	3.61					
20	40-44	Current Dual	14.00	1.68					
20	40-44	Former	207.00	24.91			14.90	8.00	3.86

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	213.00	21.32	36.00	14.06			
20	45-49	Current MRTP	23.00	2.30					
20	45-49	Current Dual	20.00	2.00					
20	45-49	Former	233.00	23.32			17.01	8.00	3.43

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	210.00	18.72	36.00	14.52			
20	50-54	Current MRTP	27.00	2.41					
20	50-54	Current Dual	11.00	0.98					
20	50-54	Former	313.00	27.90			17.68	14.00	4.47

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	145.00	14.95	32.00	18.71			
20	55-59	Current MRTP	16.00	1.65					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	302.00	31.13			20.84	11.00	3.64

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	121.00	14.92	37.00	24.18			
20	60-64	Current MRTP	24.00	2.96					

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	236.00	29.10			20.41	12.00	5.08

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	98.00	15.78	24.00	20.34			
20	65-69	Current MRTP	16.00	2.58					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	202.00	32.53			23.37	8.00	3.96

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	86.00	16.07	29.00	28.16			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	180.00	33.64			24.09	12.00	6.67

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	63.00	12.91	24.00	31.17			
20	75-79	Current MRTP	8.00	1.64					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	161.00	32.99			24.49	15.00	9.32

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59127.029	0.832	0.000	0.001	2826.86	839.248	839.236	0.012
1992	198532	60226.142	60231.153	-5.011	-0.003	-0.008	2778.64	842.922	842.992	-0.070
1993	202512	62332.320	62319.723	12.596	0.006	0.020	2793.47	859.818	859.644	0.174
1994	200658	62691.239	62673.527	17.712	0.009	0.028	2725.82	851.622	851.382	0.241
1995	201023	63132.954	63093.325	39.630	0.020	0.063	2687.54	844.043	843.513	0.530
1996	201180	64309.880	64337.901	-28.021	-0.014	-0.044	2653.67	848.280	848.650	-0.370
1997	198639	64547.894	64571.888	-23.994	-0.012	-0.037	2583.39	839.475	839.787	-0.312
1998	197573	65384.866	65318.985	65.881	0.033	0.101	2533.29	838.367	837.522	0.845
1999	211329	67554.762	67363.775	190.986	0.090	0.283	2673.14	854.513	852.098	2.416
2000	208496	68184.366	67921.408	262.958	0.126	0.386	2604.20	851.652	848.367	3.284
2001	203606	68286.060	67912.287	373.773	0.184	0.547	2514.65	843.372	838.756	4.616
2002	200828	68983.996	68586.347	397.649	0.198	0.576	2455.47	843.450	838.588	4.862
2003	196352	68717.830	68134.043	583.787	0.297	0.850	2377.49	832.057	824.989	7.069
2004	188160	67344.952	66474.990	869.961	0.462	1.292	2254.66	806.974	796.549	10.424
2005	186416	67846.650	66832.975	1013.675	0.544	1.494	2208.07	803.634	791.627	12.007
2006	180088	66622.465	65217.606	1404.859	0.780	2.109	2113.55	781.893	765.406	16.488
2007	175644	65977.201	64292.397	1684.804	0.959	2.554	2039.92	766.256	746.689	19.567
2008	177570	67121.344	65320.013	1801.331	1.014	2.684	2039.03	770.751	750.066	20.685
2009	172806	66622.993	64501.709	2121.284	1.228	3.184	1961.22	756.123	732.048	24.075

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1291531.672	10784.69	0.277	0.828	2465.77	823.300	816.482	6.818

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31527.859	2.160	0.005	0.007	620.154	447.530	447.499	0.031
1992	45423	32811.446	32813.214	-1.768	-0.004	-0.005	635.738	459.227	459.252	-0.025
1993	46291	33467.735	33466.938	0.797	0.002	0.002	638.542	461.657	461.646	0.011
1994	47017	33989.389	33991.583	-2.194	-0.005	-0.006	638.697	461.725	461.755	-0.030
1995	47840	34566.580	34565.430	1.150	0.002	0.003	639.587	462.131	462.116	0.015
1996	48244	34997.958	35024.212	-26.255	-0.054	-0.075	636.363	461.641	461.987	-0.346
1997	49035	35549.658	35575.418	-25.760	-0.053	-0.072	637.723	462.340	462.675	-0.335
1998	49686	36138.033	36142.950	-4.916	-0.010	-0.014	637.076	463.363	463.426	-0.063
1999	48883	35506.142	35488.014	18.127	0.037	0.051	618.331	449.124	448.895	0.229
2000	50331	36573.306	36530.473	42.833	0.085	0.117	628.656	456.816	456.281	0.535
2001	50389	36733.445	36665.170	68.276	0.135	0.186	622.333	453.679	452.836	0.843
2002	51445	37627.700	37544.252	83.448	0.162	0.222	629.005	460.065	459.044	1.020
2003	51408	37552.784	37406.151	146.633	0.285	0.390	622.464	454.701	452.926	1.775
2004	51399	37527.823	37290.989	236.834	0.461	0.631	615.898	449.684	446.846	2.838
2005	51421	37486.186	37216.844	269.343	0.524	0.719	609.074	444.018	440.828	3.190
2006	51355	37409.496	36993.930	415.566	0.809	1.111	602.712	439.045	434.168	4.877
2007	51839	37602.867	37093.926	508.942	0.982	1.353	602.056	436.718	430.807	5.911
2008	50976	36986.957	36467.482	519.475	1.019	1.404	585.355	424.719	418.754	5.965
2009	51193	37201.944	36555.566	646.378	1.263	1.737	581.003	422.215	414.879	7.336

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	709005.772	2899.067	0.296	0.407	619.890	450.053	448.220	1.833

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12666.180	-3.201	-0.003	-0.025	1368.32	179.735	179.781	-0.045
1992	93721	12337.995	12338.535	-0.540	-0.001	-0.004	1311.71	172.682	172.690	-0.008
1993	93679	12401.934	12390.234	11.700	0.012	0.094	1292.22	171.073	170.912	0.161
1994	90832	12128.576	12106.111	22.465	0.025	0.185	1233.90	164.759	164.454	0.305
1995	89698	11958.696	11926.052	32.644	0.036	0.273	1199.20	159.879	159.443	0.436
1996	88286	12020.749	11994.870	25.879	0.029	0.215	1164.54	158.560	158.218	0.341
1997	84777	11593.724	11558.744	34.979	0.041	0.302	1102.56	150.782	150.327	0.455
1998	82517	11337.035	11260.981	76.054	0.092	0.671	1058.04	145.364	144.389	0.975
1999	93939	13027.458	12876.581	150.877	0.161	1.158	1188.25	164.787	162.878	1.908
2000	90039	12607.547	12447.148	160.399	0.178	1.272	1124.63	157.474	155.470	2.003
2001	86119	12350.451	12127.294	223.156	0.259	1.807	1063.62	152.535	149.779	2.756
2002	83014	12112.097	11873.726	238.370	0.287	1.968	1014.99	148.092	145.177	2.914
2003	79302	11683.252	11397.092	286.160	0.361	2.449	960.214	141.465	138.000	3.465
2004	73861	11139.095	10750.876	388.219	0.526	3.485	885.053	133.476	128.824	4.652
2005	71649	10884.683	10446.996	437.687	0.611	4.021	848.672	128.927	123.743	5.184
2006	67551	10397.565	9858.070	539.494	0.799	5.189	792.791	122.028	115.696	6.332
2007	63503	9785.831	9147.543	638.288	1.005	6.523	737.521	113.652	106.239	7.413
2008	63171	9922.524	9234.679	687.845	1.089	6.932	725.389	113.940	106.041	7.898
2009	59747	9483.598	8723.905	759.692	1.272	8.011	678.085	107.632	99.010	8.622

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	227772.382	4710.167	0.285	2.026	1043.56	146.971	143.993	2.978

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 20 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3116.772	-0.756	-0.002	-0.024	461.369	44.228	44.239	-0.011
1992	32560	3095.448	3096.919	-1.471	-0.005	-0.048	455.708	43.324	43.344	-0.021
1993	32768	3114.516	3113.026	1.490	0.005	0.048	452.005	42.962	42.941	0.021
1994	33005	3168.398	3163.178	5.220	0.016	0.165	448.353	43.041	42.970	0.071
1995	33730	3200.274	3190.356	9.918	0.029	0.310	450.946	42.785	42.653	0.133
1996	33750	3234.738	3223.729	11.010	0.033	0.340	445.180	42.668	42.523	0.145
1997	33699	3240.665	3234.336	6.328	0.019	0.195	438.271	42.146	42.064	0.082
1998	33274	3171.578	3150.696	20.882	0.063	0.658	426.640	40.666	40.398	0.268
1999	33891	3153.786	3112.431	41.355	0.122	1.311	428.694	39.893	39.370	0.523
2000	33827	3237.043	3182.862	54.181	0.160	1.674	422.514	40.432	39.755	0.677
2001	32506	3110.972	3037.070	73.902	0.227	2.376	401.468	38.422	37.510	0.913
2002	32078	3123.298	3041.238	82.060	0.256	2.627	392.210	38.188	37.184	1.003
2003	30568	3025.984	2932.348	93.636	0.306	3.094	370.127	36.640	35.506	1.134
2004	29388	2983.453	2855.327	128.126	0.436	4.295	352.147	35.750	34.214	1.535
2005	27954	2926.679	2779.966	146.714	0.525	5.013	331.111	34.666	32.928	1.738
2006	27201	2889.308	2709.995	179.314	0.659	6.206	319.236	33.909	31.805	2.104
2007	26302	2810.025	2594.031	215.994	0.821	7.687	305.470	32.636	30.127	2.509
2008	25998	2773.025	2546.848	226.177	0.870	8.156	298.534	31.843	29.245	2.597
2009	25040	2723.293	2467.993	255.300	1.020	9.375	284.186	30.907	28.010	2.897

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59742.363	1549.380	0.248	2.528	394.195	38.747	37.768	0.979

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11816.218	2.629	0.010	0.022	377.015	167.754	167.717	0.037
1992	26828	11981.252	11982.485	-1.232	-0.005	-0.010	375.483	167.689	167.706	-0.017
1993	29774	13348.134	13349.524	-1.390	-0.005	-0.010	410.705	184.125	184.145	-0.019
1994	29804	13404.876	13412.655	-7.779	-0.026	-0.058	404.869	182.097	182.203	-0.106
1995	29755	13407.404	13411.487	-4.082	-0.014	-0.030	397.803	179.248	179.302	-0.055
1996	30900	14056.435	14095.089	-38.655	-0.125	-0.275	407.587	185.412	185.921	-0.510
1997	31128	14163.848	14203.390	-39.542	-0.127	-0.279	404.834	184.207	184.722	-0.514
1998	32096	14738.220	14764.358	-26.138	-0.081	-0.177	411.536	188.974	189.309	-0.335
1999	34616	15867.376	15886.749	-19.373	-0.056	-0.122	437.865	200.710	200.955	-0.245
2000	34299	15766.470	15760.925	5.544	0.016	0.035	428.409	196.930	196.861	0.069
2001	34592	16091.193	16082.753	8.439	0.024	0.052	427.231	198.736	198.631	0.104
2002	34291	16120.902	16127.131	-6.229	-0.018	-0.039	419.268	197.106	197.182	-0.076
2003	35074	16455.810	16398.454	57.357	0.164	0.349	424.687	199.252	198.558	0.694
2004	33512	15694.580	15577.797	116.783	0.348	0.744	401.564	188.063	186.664	1.399
2005	35392	16549.102	16389.170	159.932	0.452	0.966	419.213	196.022	194.127	1.894
2006	33981	15926.096	15655.610	270.486	0.796	1.698	398.807	186.912	183.737	3.174
2007	34000	15778.477	15456.897	321.580	0.946	2.038	394.875	183.251	179.516	3.735
2008	37425	17438.838	17071.005	367.833	0.983	2.109	429.749	200.249	196.025	4.224
2009	36826	17214.158	16754.244	459.914	1.249	2.672	417.948	195.368	190.149	5.220

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	295011.156	1626.077	0.252	0.548	408.132	187.528	186.501	1.028

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 21

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA11
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 21, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 21, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA11

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000750	0.000150	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.001000	0.000200	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.001500	0.000300	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000750	0.000150	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.001000	0.000200	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.001500	0.000300	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 21, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 21, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2183.00	23.79	149.00	5.57			
5	All Ages	Current MRTP	362.00	3.94					
5	All Ages	Current Dual	128.00	1.39					
5	All Ages	Former	2603.00	28.36			15.49	142.00	5.46

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	39.00	11.50	0.00	0.00			
5	18-19	Current MRTP	8.00	2.36					
5	18-19	Current Dual	11.00	3.24					
5	18-19	Former	2.00	0.59			0.50	2.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	222.00	24.26	1.00	0.38			
5	20-24	Current MRTP	27.00	2.95					
5	20-24	Current Dual	14.00	1.53					
5	20-24	Former	33.00	3.61			2.85	12.00	36.36
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	244.00	25.47	4.00	1.30			
5	25-29	Current MRTP	47.00	4.91					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	116.00	12.11			5.05	15.00	12.93
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	315.00	29.33	14.00	3.57			
5	30-34	Current MRTP	58.00	5.40					
5	30-34	Current Dual	19.00	1.77					
5	30-34	Former	188.00	17.50			6.78	12.00	6.38
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	299.00	27.61	10.00	2.82			
5	35-39	Current MRTP	45.00	4.16					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	251.00	23.18			7.88	17.00	6.77
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	248.00	25.49	12.00	4.26			
5	40-44	Current MRTP	27.00	2.77					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	285.00	29.29			11.77	13.00	4.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	204.00	23.75	13.00	5.12			
5	45-49	Current MRTP	39.00	4.54					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	297.00	34.58			13.78	19.00	6.40
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	167.00	26.51	12.00	6.19			
5	50-54	Current MRTP	21.00	3.33					
5	50-54	Current Dual	6.00	0.95					
5	50-54	Former	244.00	38.73			16.79	12.00	4.92
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	119.00	22.71	18.00	12.08			
5	55-59	Current MRTP	24.00	4.58					
5	55-59	Current Dual	6.00	1.15					
5	55-59	Former	220.00	41.98			16.95	10.00	4.55
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	106.00	20.58	17.00	12.69			
5	60-64	Current MRTP	22.00	4.27					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	240.00	46.60			19.36	4.00	1.67
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	99.00	19.80	12.00	9.84			
5	65-69	Current MRTP	17.00	3.40					
5	65-69	Current Dual	6.00	1.20					
5	65-69	Former	258.00	51.60			21.94	6.00	2.33
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	63.00	14.06	22.00	24.18			
5	70-74	Current MRTP	18.00	4.02					
5	70-74	Current Dual	10.00	2.23					
5	70-74	Former	251.00	56.03			22.71	6.00	2.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	58.00	16.16	14.00	19.18			
5	75-79	Current MRTP	9.00	2.51					
5	75-79	Current Dual	6.00	1.67					
5	75-79	Former	218.00	60.72			23.39	14.00	6.42

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	1835.00	19.57	242.00	8.90			
10	All Ages	Current MRTP	627.00	6.69					
10	All Ages	Current Dual	256.00	2.73					
10	All Ages	Former	2584.00	27.56			17.32	145.00	5.61

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	156.00	17.41	1.00	0.41			
10	20-24	Current MRTP	42.00	4.69					
10	20-24	Current Dual	47.00	5.25					
10	20-24	Former	24.00	2.68			2.17	9.00	37.50

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	201.00	21.97	2.00	0.68			
10	25-29	Current MRTP	54.00	5.90					
10	25-29	Current Dual	38.00	4.15					
10	25-29	Former	69.00	7.54			4.78	16.00	23.19

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	202.00	21.09	13.00	4.09			
10	30-34	Current MRTP	85.00	8.87					
10	30-34	Current Dual	31.00	3.24					
10	30-34	Former	141.00	14.72			8.26	11.00	7.80

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	256.00	23.84	18.00	4.90			
10	35-39	Current MRTP	84.00	7.82					
10	35-39	Current Dual	27.00	2.51					
10	35-39	Former	219.00	20.39			9.90	18.00	8.22

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	234.00	21.61	28.00	8.26			
10	40-44	Current MRTP	87.00	8.03					
10	40-44	Current Dual	18.00	1.66					
10	40-44	Former	266.00	24.56			11.57	10.00	3.76

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	204.00	20.97	16.00	6.25			
10	45-49	Current MRTP	40.00	4.11					
10	45-49	Current Dual	12.00	1.23					
10	45-49	Former	311.00	31.96			15.03	13.00	4.18

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	153.00	17.81	30.00	12.61			
10	50-54	Current MRTP	63.00	7.33					
10	50-54	Current Dual	22.00	2.56					
10	50-54	Former	313.00	36.44			16.92	12.00	3.83
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	130.00	20.63	29.00	15.10			
10	55-59	Current MRTP	48.00	7.62					
10	55-59	Current Dual	14.00	2.22					
10	55-59	Former	246.00	39.05			20.59	6.00	2.44
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	89.00	16.98	23.00	17.16			
10	60-64	Current MRTP	32.00	6.11					
10	60-64	Current Dual	13.00	2.48					
10	60-64	Former	235.00	44.85			19.64	12.00	5.11
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	88.00	17.09	24.00	18.32			
10	65-69	Current MRTP	34.00	6.60					
10	65-69	Current Dual	9.00	1.75					
10	65-69	Former	243.00	47.18			22.51	9.00	3.70
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	75.00	15.00	25.00	22.12			
10	70-74	Current MRTP	26.00	5.20					
10	70-74	Current Dual	12.00	2.40					
10	70-74	Former	267.00	53.40			23.81	19.00	7.12
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	47.00	10.49	33.00	35.87			
10	75-79	Current MRTP	32.00	7.14					
10	75-79	Current Dual	13.00	2.90					
10	75-79	Former	250.00	55.80			25.91	10.00	4.00
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1448.00	16.22	307.00	12.05			
15	All Ages	Current MRTP	799.00	8.95					
15	All Ages	Current Dual	301.00	3.37					
15	All Ages	Former	2511.00	28.13			18.83	136.00	5.42
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	151.00	16.85	4.00	1.41			
15	25-29	Current MRTP	75.00	8.37					
15	25-29	Current Dual	58.00	6.47					
15	25-29	Former	47.00	5.25			4.64	9.00	19.15
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	163.00	17.81	7.00	2.42			
15	30-34	Current MRTP	81.00	8.85					
15	30-34	Current Dual	45.00	4.92					
15	30-34	Former	101.00	11.04			7.03	14.00	13.86
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	164.00	17.12	21.00	6.77			
15	35-39	Current MRTP	106.00	11.06					
15	35-39	Current Dual	40.00	4.18					
15	35-39	Former	158.00	16.49			11.27	11.00	6.96
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	193.00	17.97	30.00	8.62			
15	40-44	Current MRTP	116.00	10.80					
15	40-44	Current Dual	39.00	3.63					
15	40-44	Former	238.00	22.16			13.16	14.00	5.88
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	185.00	17.08	36.00	11.61			
15	45-49	Current MRTP	100.00	9.23					
15	45-49	Current Dual	25.00	2.31					
15	45-49	Former	295.00	27.24			14.67	17.00	5.76
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	158.00	16.24	29.00	11.69			
15	50-54	Current MRTP	74.00	7.61					
15	50-54	Current Dual	16.00	1.64					
15	50-54	Former	319.00	32.79			18.82	9.00	2.82
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	124.00	14.44	41.00	18.39			
15	55-59	Current MRTP	77.00	8.96					
15	55-59	Current Dual	22.00	2.56					
15	55-59	Former	328.00	38.18			20.10	14.00	4.27
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	107.00	16.98	32.00	18.39			
15	60-64	Current MRTP	57.00	9.05					
15	60-64	Current Dual	10.00	1.59					
15	60-64	Former	264.00	41.90			22.34	18.00	6.82
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	71.00	13.55	30.00	24.00			
15	65-69	Current MRTP	36.00	6.87					
15	65-69	Current Dual	18.00	3.44					
15	65-69	Former	244.00	46.56			22.15	10.00	4.10
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	70.00	13.59	34.00	26.77			
15	70-74	Current MRTP	43.00	8.35					
15	70-74	Current Dual	14.00	2.72					
15	70-74	Former	247.00	47.96			25.32	6.00	2.43
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	62.00	12.40	43.00	39.09			
15	75-79	Current MRTP	34.00	6.80					
15	75-79	Current Dual	14.00	2.80					
15	75-79	Former	270.00	54.00			25.75	14.00	5.19
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1072.00	12.72	353.00	15.49			

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	901.00	10.69					
20	All Ages	Current Dual	306.00	3.63					
20	All Ages	Former	2428.00	28.81			19.84	149.00	6.14
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	124.00	13.84	7.00	2.60			
20	30-34	Current MRTP	88.00	9.82					
20	30-34	Current Dual	57.00	6.36					
20	30-34	Former	80.00	8.93			6.31	12.00	15.00
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	125.00	13.66	14.00	5.26			
20	35-39	Current MRTP	97.00	10.60					
20	35-39	Current Dual	44.00	4.81					
20	35-39	Former	134.00	14.64			8.72	20.00	14.93
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	126.00	13.15	22.00	7.77			
20	40-44	Current MRTP	114.00	11.90					
20	40-44	Current Dual	43.00	4.49					
20	40-44	Former	185.00	19.31			13.50	12.00	6.49
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	154.00	14.34	32.00	10.26			
20	45-49	Current MRTP	123.00	11.45					
20	45-49	Current Dual	35.00	3.26					
20	45-49	Former	274.00	25.51			15.31	23.00	8.39
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	135.00	12.47	56.00	18.79			
20	50-54	Current MRTP	131.00	12.10					
20	50-54	Current Dual	32.00	2.95					
20	50-54	Former	307.00	28.35			17.92	12.00	3.91
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	125.00	12.85	38.00	16.24			
20	55-59	Current MRTP	88.00	9.04					
20	55-59	Current Dual	21.00	2.16					
20	55-59	Former	333.00	34.22			21.68	16.00	4.80
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	101.00	11.76	54.00	26.09			
20	60-64	Current MRTP	82.00	9.55					

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	24.00	2.79					
20	60-64	Former	344.00	40.05			22.24	19.00	5.52

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	82.00	13.02	44.00	26.35			
20	65-69	Current MRTP	74.00	11.75					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	271.00	43.02			24.49	12.00	4.43

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	55.00	10.50	42.00	34.71			
20	70-74	Current MRTP	47.00	8.97					
20	70-74	Current Dual	19.00	3.63					
20	70-74	Former	248.00	47.33			24.80	11.00	4.44

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	45.00	8.74	44.00	36.07			
20	75-79	Current MRTP	57.00	11.07					
20	75-79	Current Dual	20.00	3.88					
20	75-79	Former	252.00	48.93			26.35	12.00	4.76

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Main Results for E-Component Summarized over Simulations for Run: 21

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124022.988	109.595	0.035	0.088	4845.61	1920.39	1918.69	1.695
1992	308577	122143.718	121794.564	349.155	0.113	0.286	4692.62	1857.47	1852.17	5.310
1993	311713	123269.216	122537.792	731.424	0.235	0.593	4656.77	1841.55	1830.63	10.927
1994	305700	120480.723	119334.675	1146.048	0.375	0.951	4482.57	1766.64	1749.84	16.805
1995	303225	118666.569	117024.146	1642.423	0.542	1.384	4361.58	1706.89	1683.27	23.625
1996	299559	116607.195	114493.027	2114.167	0.706	1.813	4242.85	1651.58	1621.64	29.944
1997	294226	114665.051	112090.616	2574.435	0.875	2.245	4100.64	1598.09	1562.21	35.880
1998	289258	113038.380	109911.167	3127.213	1.081	2.767	3966.28	1549.97	1507.09	42.880
1999	311002	117067.463	112970.848	4096.614	1.317	3.499	4198.14	1580.27	1524.97	55.299
2000	303786	114977.407	110419.734	4557.674	1.500	3.964	4041.13	1529.49	1468.86	60.629
2001	296294	113047.319	108039.670	5007.649	1.690	4.430	3890.54	1484.39	1418.63	65.754
2002	291898	111744.742	106131.125	5613.617	1.923	5.024	3789.34	1450.64	1377.77	72.874
2003	285865	110551.854	104313.943	6237.911	2.182	5.643	3671.31	1419.80	1339.68	80.112
2004	274177	107418.262	100865.653	6552.609	2.390	6.100	3481.92	1364.16	1280.95	83.215
2005	272379	107678.770	100550.657	7128.112	2.617	6.620	3417.44	1351.01	1261.57	89.434
2006	264118	104357.806	96809.486	7548.320	2.858	7.233	3281.83	1296.71	1202.92	93.793
2007	258419	102690.449	94704.033	7986.417	3.090	7.777	3176.05	1262.10	1163.94	98.156
2008	259461	103492.166	94800.338	8691.828	3.350	8.399	3150.91	1256.82	1151.26	105.554
2009	253907	101384.044	92108.529	9275.515	3.653	9.149	3045.20	1215.94	1104.69	111.245

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2188752.952	84490.73	1.453	3.717	3927.78	1535.76	1478.68	57.080

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Main Results for E-Component Summarized over Simulations for Run: 21

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63050.076	18.710	0.024	0.030	1213.84	975.702	975.413	0.289
1992	77987	62535.347	62478.073	57.274	0.073	0.092	1185.97	950.993	950.122	0.871
1993	78542	62883.111	62762.952	120.159	0.153	0.191	1173.36	939.428	937.633	1.795
1994	77437	61805.804	61610.054	195.750	0.253	0.317	1135.48	906.276	903.406	2.870
1995	76904	61145.799	60859.180	286.620	0.373	0.469	1106.18	879.519	875.396	4.123
1996	76232	60385.323	60013.722	371.600	0.487	0.615	1079.72	855.277	850.014	5.263
1997	75473	59549.806	59098.347	451.458	0.598	0.758	1051.87	829.947	823.655	6.292
1998	75381	59292.315	58689.129	603.186	0.800	1.017	1033.62	813.010	804.739	8.271
1999	73159	57398.351	56687.769	710.582	0.971	1.238	987.557	774.807	765.215	9.592
2000	73784	57716.549	56870.860	845.688	1.146	1.465	981.515	767.777	756.527	11.250
2001	73294	57211.877	56244.564	967.313	1.320	1.691	962.399	751.230	738.529	12.701
2002	72442	56438.810	55333.740	1105.070	1.525	1.958	940.422	732.673	718.328	14.346
2003	71942	55948.341	54690.454	1257.887	1.748	2.248	923.937	718.533	702.379	16.155
2004	71301	55339.218	53953.345	1385.873	1.944	2.504	905.490	702.783	685.183	17.600
2005	70964	54964.459	53458.644	1505.815	2.122	2.740	890.360	689.620	670.727	18.893
2006	69658	53781.526	52170.747	1610.779	2.312	2.995	865.543	668.268	648.253	20.015
2007	68565	52784.985	51049.336	1735.649	2.531	3.288	842.687	648.745	627.413	21.332
2008	68226	52470.692	50555.971	1914.721	2.806	3.649	828.542	637.208	613.956	23.253
2009	67509	51823.021	49724.435	2098.586	3.109	4.050	809.661	621.533	596.364	25.169

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1142745.807	17242.72	1.168	1.486	997.213	783.665	772.016	11.649

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Main Results for E-Component Summarized over Simulations for Run: 21

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	36993.964	73.420	0.044	0.198	2599.72	573.449	572.313	1.136
1992	164548	35863.851	35631.154	232.697	0.141	0.649	2502.33	545.392	541.853	3.539
1993	164362	35459.800	34979.746	480.054	0.292	1.354	2455.45	529.744	522.572	7.172
1994	159866	34293.631	33566.396	727.236	0.455	2.121	2344.16	502.857	492.194	10.664
1995	158083	33531.695	32502.110	1029.585	0.651	3.070	2273.86	482.318	467.509	14.810
1996	154875	32438.163	31120.373	1317.790	0.851	4.062	2193.60	459.443	440.778	18.665
1997	149970	31179.663	29587.055	1592.607	1.062	5.108	2090.14	434.552	412.356	22.196
1998	145407	29860.736	28010.969	1849.768	1.272	6.195	1993.81	409.447	384.083	25.364
1999	165952	34413.904	31867.649	2546.256	1.534	7.399	2240.15	464.545	430.174	34.371
2000	160260	33265.290	30493.298	2771.992	1.730	8.333	2131.87	442.513	405.638	36.875
2001	154444	32074.102	29064.288	3009.814	1.949	9.384	2027.95	421.154	381.633	39.521
2002	151887	31817.956	28469.552	3348.405	2.205	10.524	1971.76	413.052	369.584	43.468
2003	146733	31025.931	27354.705	3671.226	2.502	11.833	1884.46	398.460	351.311	47.149
2004	138381	29503.602	25697.394	3806.208	2.751	12.901	1757.38	374.682	326.345	48.337
2005	135881	29077.894	24974.623	4103.271	3.020	14.111	1704.85	364.830	313.348	51.482
2006	131922	28385.448	24005.675	4379.772	3.320	15.430	1639.21	352.707	298.285	54.421
2007	126502	27327.625	22763.792	4563.833	3.608	16.700	1554.75	335.866	279.775	56.091
2008	125859	27025.472	22153.399	4872.072	3.871	18.028	1528.44	328.199	269.033	59.167
2009	122428	26361.626	21223.870	5137.756	4.197	19.490	1468.33	316.165	254.546	61.619

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	588842.911	49513.76	1.652	7.756	2024.64	431.261	397.811	33.451

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Main Results for E-Component Summarized over Simulations for Run: 21

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 21 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4479.191	8.791	0.027	0.196	504.630	69.431	69.295	0.136
1992	32100	4371.196	4339.431	31.765	0.099	0.727	488.154	66.474	65.991	0.483
1993	32896	4414.136	4341.636	72.500	0.220	1.642	491.442	65.944	64.861	1.083
1994	33323	4474.895	4356.680	118.215	0.355	2.642	488.625	65.617	63.883	1.733
1995	33569	4476.290	4306.740	169.550	0.505	3.788	482.855	64.387	61.948	2.439
1996	33870	4489.078	4265.805	223.274	0.659	4.974	479.723	63.582	60.419	3.162
1997	33516	4444.866	4164.577	280.290	0.836	6.306	467.113	61.948	58.042	3.906
1998	32795	4313.427	3996.490	316.937	0.966	7.348	449.682	59.145	54.799	4.346
1999	33375	4232.739	3865.339	367.400	1.101	8.680	450.521	57.137	52.177	4.959
2000	33459	4307.577	3899.398	408.179	1.220	9.476	445.090	57.302	51.872	5.430
2001	32275	4136.308	3714.503	421.806	1.307	10.198	423.792	54.312	48.774	5.539
2002	31586	4079.175	3620.365	458.810	1.453	11.248	410.041	52.955	46.999	5.956
2003	30985	4096.221	3575.806	520.415	1.680	12.705	397.934	52.607	45.923	6.684
2004	29884	4034.217	3486.414	547.803	1.833	13.579	379.513	51.233	44.276	6.957
2005	28708	3944.303	3362.783	581.520	2.026	14.743	360.189	49.488	42.192	7.296
2006	28188	3970.169	3326.784	643.385	2.282	16.205	350.253	49.332	41.337	7.994
2007	28026	3957.558	3266.002	691.555	2.468	17.474	344.449	48.640	40.140	8.499
2008	27128	3812.302	3100.503	711.799	2.624	18.671	329.444	46.297	37.653	8.644
2009	27068	3827.467	3046.951	780.516	2.884	20.392	324.637	45.904	36.543	9.361

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	77102.994	7354.509	1.171	8.708	424.421	57.058	52.089	4.969

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Main Results for E-Component Summarized over Simulations for Run: 21

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19499.757	8.674	0.025	0.044	527.418	301.804	301.670	0.134
1992	33942	19373.324	19345.906	27.418	0.081	0.142	516.166	294.616	294.199	0.417
1993	35913	20512.169	20453.458	58.710	0.163	0.286	536.514	306.437	305.560	0.877
1994	35074	19906.392	19801.546	104.847	0.299	0.527	514.300	291.893	290.356	1.537
1995	34669	19512.784	19356.116	156.668	0.452	0.803	498.677	280.671	278.418	2.254
1996	34582	19294.631	19093.126	201.504	0.583	1.044	489.808	273.283	270.428	2.854
1997	35267	19490.717	19240.636	250.080	0.709	1.283	491.517	271.643	268.157	3.485
1998	35675	19571.902	19214.579	357.323	1.002	1.826	489.172	268.368	263.468	4.900
1999	38516	21022.469	20550.092	472.377	1.226	2.247	519.919	283.777	277.401	6.377
2000	36283	19687.992	19156.177	531.814	1.466	2.701	482.656	261.900	254.826	7.074
2001	36281	19625.032	19016.315	608.716	1.678	3.102	476.394	257.690	249.697	7.993
2002	35983	19408.801	18707.468	701.332	1.949	3.613	467.122	251.960	242.855	9.105
2003	36205	19481.360	18692.978	788.382	2.178	4.047	464.974	250.195	240.070	10.125
2004	34611	18541.224	17728.499	812.725	2.348	4.383	439.544	235.465	225.144	10.321
2005	36826	19692.114	18754.607	937.507	2.546	4.761	462.043	247.070	235.307	11.763
2006	34350	18220.663	17306.279	914.384	2.662	5.018	426.820	226.403	215.041	11.362
2007	35326	18620.282	17624.902	995.379	2.818	5.346	434.168	228.849	216.616	12.234
2008	38248	20183.701	18990.465	1193.235	3.120	5.912	464.487	245.112	230.622	14.491
2009	36902	19371.930	18113.272	1258.657	3.411	6.497	442.580	232.335	217.239	15.096

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	380061.239	10379.73	1.456	2.658	481.512	263.774	256.762	7.012

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 22

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA11
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 22, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 22, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA11

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000750	0.000150	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.001000	0.000200	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.001500	0.000300	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.002250	0.000450	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000750	0.000150	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.001000	0.000200	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.001500	0.000300	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.002250	0.000450	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 22, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 22, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	1830.00	20.15	125.00	5.60			
5	All Ages	Current MRTP	293.00	3.23					
5	All Ages	Current Dual	111.00	1.22					
5	All Ages	Former	1960.00	21.59			14.95	97.00	4.95

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	6.00	2.01					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	218.00	25.83	3.00	1.14			
5	20-24	Current MRTP	28.00	3.32					
5	20-24	Current Dual	18.00	2.13					
5	20-24	Former	22.00	2.61			3.23	7.00	31.82
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	189.00	22.74	10.00	4.24			
5	25-29	Current MRTP	36.00	4.33					
5	25-29	Current Dual	11.00	1.32					
5	25-29	Former	132.00	15.88			5.61	8.00	6.06
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	252.00	25.23	13.00	4.39			
5	30-34	Current MRTP	29.00	2.90					
5	30-34	Current Dual	15.00	1.50					
5	30-34	Former	181.00	18.12			7.80	12.00	6.63
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	266.00	23.71	12.00	3.76			
5	35-39	Current MRTP	40.00	3.57					
5	35-39	Current Dual	13.00	1.16					
5	35-39	Former	242.00	21.57			8.44	12.00	4.96
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	186.00	19.18	11.00	5.02			
5	40-44	Current MRTP	29.00	2.99					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	254.00	26.19			11.49	15.00	5.91
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	150.00	18.50	11.00	5.61			
5	45-49	Current MRTP	33.00	4.07					
5	45-49	Current Dual	13.00	1.60					
5	45-49	Former	193.00	23.80			11.79	8.00	4.15
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	137.00	22.06	11.00	6.75			
5	50-54	Current MRTP	21.00	3.38					
5	50-54	Current Dual	5.00	0.81					
5	50-54	Former	157.00	25.28			16.08	8.00	5.10
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	109.00	20.37	8.00	5.80			
5	55-59	Current MRTP	25.00	4.67					
5	55-59	Current Dual	4.00	0.75					
5	55-59	Former	145.00	27.10			15.97	6.00	4.14
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	83.00	17.01	6.00	6.06			
5	60-64	Current MRTP	12.00	2.46					
5	60-64	Current Dual	4.00	0.82					
5	60-64	Former	139.00	28.48			20.22	6.00	4.32
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	98.00	18.28	15.00	12.82			
5	65-69	Current MRTP	13.00	2.43					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	159.00	29.66			21.47	5.00	3.14
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	68.00	12.62	12.00	14.63			
5	70-74	Current MRTP	10.00	1.86					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	177.00	32.84			24.49	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	43.00	8.85	13.00	21.67			
5	75-79	Current MRTP	11.00	2.26					
5	75-79	Current Dual	6.00	1.23					
5	75-79	Former	159.00	32.72			27.98	4.00	2.52

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1487.00	16.32	194.00	8.82			
10	All Ages	Current MRTP	523.00	5.74					
10	All Ages	Current Dual	189.00	2.07					
10	All Ages	Former	2012.00	22.09			16.12	132.00	6.56

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	128.00	15.74	2.00	1.05			
10	20-24	Current MRTP	33.00	4.06					
10	20-24	Current Dual	30.00	3.69					
10	20-24	Former	21.00	2.58			2.24	8.00	38.10

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	184.00	21.80	4.00	1.50			
10	25-29	Current MRTP	57.00	6.75					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	54.00	6.40			4.46	13.00	24.07

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	152.00	18.29	15.00	6.38			
10	30-34	Current MRTP	60.00	7.22					
10	30-34	Current Dual	23.00	2.77					
10	30-34	Former	155.00	18.65			8.93	14.00	9.03

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	199.00	19.92	24.00	8.45			
10	35-39	Current MRTP	60.00	6.01					
10	35-39	Current Dual	25.00	2.50					
10	35-39	Former	205.00	20.52			10.71	17.00	8.29

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	199.00	17.74	20.00	6.92			
10	40-44	Current MRTP	68.00	6.06					
10	40-44	Current Dual	22.00	1.96					
10	40-44	Former	272.00	24.24			11.53	18.00	6.62

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	138.00	14.23	22.00	10.89			
10	45-49	Current MRTP	51.00	5.26					
10	45-49	Current Dual	13.00	1.34					
10	45-49	Former	271.00	27.94			15.05	10.00	3.69

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	121.00	14.92	23.00	12.23			
10	50-54	Current MRTP	51.00	6.29					
10	50-54	Current Dual	16.00	1.97					
10	50-54	Former	201.00	24.78			15.27	7.00	3.48
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	105.00	16.91	15.00	9.93			
10	55-59	Current MRTP	37.00	5.96					
10	55-59	Current Dual	9.00	1.45					
10	55-59	Former	169.00	27.21			18.86	6.00	3.55
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	80.00	14.95	12.00	10.08			
10	60-64	Current MRTP	34.00	6.36					
10	60-64	Current Dual	5.00	0.93					
10	60-64	Former	164.00	30.65			18.02	9.00	5.49
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	61.00	12.50	12.00	13.64			
10	65-69	Current MRTP	17.00	3.48					
10	65-69	Current Dual	10.00	2.05					
10	65-69	Former	150.00	30.74			22.39	10.00	6.67
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	65.00	12.13	18.00	18.37			
10	70-74	Current MRTP	28.00	5.22					
10	70-74	Current Dual	5.00	0.93					
10	70-74	Former	178.00	33.21			22.85	11.00	6.18
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	55.00	10.20	27.00	31.03			
10	75-79	Current MRTP	27.00	5.01					
10	75-79	Current Dual	5.00	0.93					
10	75-79	Former	172.00	31.91			27.44	9.00	5.23
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1130.00	13.19	235.00	11.45			
15	All Ages	Current MRTP	677.00	7.90					
15	All Ages	Current Dual	246.00	2.87					
15	All Ages	Former	1994.00	23.27			17.63	110.00	5.52
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	124.00	15.25	2.00	0.89			
15	25-29	Current MRTP	59.00	7.26					
15	25-29	Current Dual	42.00	5.17					
15	25-29	Former	42.00	5.17			4.19	13.00	30.95
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	150.00	17.77	5.00	1.82			
15	30-34	Current MRTP	90.00	10.66					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	80.00	9.48			6.98	9.00	11.25
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	121.00	14.56	23.00	10.09			
15	35-39	Current MRTP	77.00	9.27					
15	35-39	Current Dual	30.00	3.61					
15	35-39	Former	169.00	20.34			12.30	8.00	4.73
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	153.00	15.32	31.00	11.70			
15	40-44	Current MRTP	81.00	8.11					
15	40-44	Current Dual	31.00	3.10					
15	40-44	Former	224.00	22.42			13.81	12.00	5.36
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	156.00	13.90	28.00	10.18			
15	45-49	Current MRTP	95.00	8.47					
15	45-49	Current Dual	24.00	2.14					
15	45-49	Former	286.00	25.49			15.14	8.00	2.80
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	100.00	10.31	31.00	16.76			
15	50-54	Current MRTP	62.00	6.39					
15	50-54	Current Dual	23.00	2.37					
15	50-54	Former	288.00	29.69			18.12	13.00	4.51
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	93.00	11.47	25.00	14.88			
15	55-59	Current MRTP	56.00	6.91					
15	55-59	Current Dual	19.00	2.34					
15	55-59	Former	221.00	27.25			17.80	14.00	6.33
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	78.00	12.56	22.00	15.60			
15	60-64	Current MRTP	52.00	8.37					
15	60-64	Current Dual	11.00	1.77					
15	60-64	Former	179.00	28.82			21.54	8.00	4.47
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	64.00	11.96	21.00	18.26			
15	65-69	Current MRTP	45.00	8.41					
15	65-69	Current Dual	6.00	1.12					
15	65-69	Former	168.00	31.40			21.57	6.00	3.57
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	45.00	9.22	22.00	26.19			
15	70-74	Current MRTP	23.00	4.71					
15	70-74	Current Dual	16.00	3.28					
15	70-74	Former	154.00	31.56			24.03	11.00	7.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	46.00	8.58	25.00	26.88			
15	75-79	Current MRTP	37.00	6.90					
15	75-79	Current Dual	10.00	1.87					
15	75-79	Former	183.00	34.14			25.11	8.00	4.37
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	844.00	10.51	254.00	14.04			

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	722.00	8.99					
20	All Ages	Current Dual	243.00	3.02					
20	All Ages	Former	1999.00	24.88			18.93	127.00	6.35

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	108.00	13.28	3.00	1.36			
20	30-34	Current MRTP	71.00	8.73					
20	30-34	Current Dual	42.00	5.17					
20	30-34	Former	71.00	8.73			6.13	9.00	12.68

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	115.00	13.63	10.00	3.80			
20	35-39	Current MRTP	108.00	12.80					
20	35-39	Current Dual	40.00	4.74					
20	35-39	Former	103.00	12.20			9.34	12.00	11.65

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	89.00	10.71	26.00	12.32			
20	40-44	Current MRTP	92.00	11.07					
20	40-44	Current Dual	30.00	3.61					
20	40-44	Former	186.00	22.38			15.35	7.00	3.76

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	126.00	12.61	35.00	14.29			
20	45-49	Current MRTP	86.00	8.61					
20	45-49	Current Dual	33.00	3.30					
20	45-49	Former	244.00	24.42			16.56	16.00	6.56

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	127.00	11.32	38.00	14.96			
20	50-54	Current MRTP	104.00	9.27					
20	50-54	Current Dual	23.00	2.05					
20	50-54	Former	307.00	27.36			17.89	18.00	5.86

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	78.00	8.04	36.00	20.81			
20	55-59	Current MRTP	69.00	7.11					
20	55-59	Current Dual	26.00	2.68					
20	55-59	Former	300.00	30.93			21.22	8.00	2.67

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	68.00	8.38	35.00	23.65			
20	60-64	Current MRTP	61.00	7.52					

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	19.00	2.34					
20	60-64	Former	241.00	29.72			19.79	15.00	6.22

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	58.00	9.34	22.00	17.05			
20	65-69	Current MRTP	61.00	9.82					
20	65-69	Current Dual	10.00	1.61					
20	65-69	Former	191.00	30.76			23.84	8.00	4.19

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	41.00	7.66	22.00	22.92			
20	70-74	Current MRTP	46.00	8.60					
20	70-74	Current Dual	9.00	1.68					
20	70-74	Former	187.00	34.95			23.04	18.00	9.63

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	34.00	6.97	27.00	39.13			
20	75-79	Current MRTP	24.00	4.92					
20	75-79	Current Dual	11.00	2.25					
20	75-79	Former	169.00	34.63			23.99	16.00	9.47

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Main Results for E-Component Summarized over Simulations for Run: 22

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59092.863	34.998	0.018	0.059	2826.86	839.248	838.751	0.497
1992	198532	60226.142	60131.446	94.696	0.048	0.157	2778.64	842.922	841.597	1.325
1993	202512	62332.320	62117.243	215.077	0.106	0.345	2793.47	859.818	856.851	2.967
1994	200658	62691.239	62370.938	320.301	0.160	0.511	2725.82	851.622	847.271	4.351
1995	201023	63132.954	62646.170	486.784	0.242	0.771	2687.54	844.043	837.535	6.508
1996	201180	64309.880	63725.809	584.071	0.290	0.908	2653.67	848.280	840.576	7.704
1997	198639	64547.894	63792.786	755.108	0.380	1.170	2583.39	839.475	829.654	9.821
1998	197573	65384.866	64395.751	989.115	0.501	1.513	2533.29	838.367	825.684	12.682
1999	211329	67554.762	66112.196	1442.566	0.683	2.135	2673.14	854.513	836.266	18.247
2000	208496	68184.366	66390.846	1793.520	0.860	2.630	2604.20	851.652	829.250	22.402
2001	203606	68286.060	66056.346	2229.714	1.095	3.265	2514.65	843.372	815.834	27.538
2002	200828	68983.996	66428.015	2555.981	1.273	3.705	2455.47	843.450	812.199	31.251
2003	196352	68717.830	65764.283	2953.548	1.504	4.298	2377.49	832.057	796.295	35.762
2004	188160	67344.952	63796.828	3548.123	1.886	5.269	2254.66	806.974	764.457	42.516
2005	186416	67846.650	63852.878	3993.772	2.142	5.886	2208.07	803.634	756.328	47.306
2006	180088	66622.465	61969.453	4653.012	2.584	6.984	2113.55	781.893	727.285	54.609
2007	175644	65977.201	60900.125	5077.076	2.891	7.695	2039.92	766.256	707.291	58.965
2008	177570	67121.344	61581.126	5540.217	3.120	8.254	2039.03	770.751	707.133	63.618
2009	172806	66622.993	60446.557	6176.436	3.574	9.271	1961.22	756.123	686.025	70.098

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1258872.248	43444.12	1.114	3.336	2465.77	823.300	795.835	27.465

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Main Results for E-Component Summarized over Simulations for Run: 22

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31519.951	10.068	0.023	0.032	620.154	447.530	447.387	0.143
1992	45423	32811.446	32789.642	21.804	0.048	0.066	635.738	459.227	458.922	0.305
1993	46291	33467.735	33418.986	48.750	0.105	0.146	638.542	461.657	460.984	0.672
1994	47017	33989.389	33921.875	67.514	0.144	0.199	638.697	461.725	460.808	0.917
1995	47840	34566.580	34455.431	111.149	0.232	0.322	639.587	462.131	460.645	1.486
1996	48244	34997.958	34874.080	123.877	0.257	0.354	636.363	461.641	460.007	1.634
1997	49035	35549.658	35376.753	172.905	0.353	0.486	637.723	462.340	460.091	2.249
1998	49686	36138.033	35905.651	232.382	0.468	0.643	637.076	463.363	460.383	2.980
1999	48883	35506.142	35189.192	316.949	0.648	0.893	618.331	449.124	445.115	4.009
2000	50331	36573.306	36147.203	426.103	0.847	1.165	628.656	456.816	451.494	5.322
2001	50389	36733.445	36183.847	549.598	1.091	1.496	622.333	453.679	446.891	6.788
2002	51445	37627.700	36964.218	663.482	1.290	1.763	629.005	460.065	451.952	8.112
2003	51408	37552.784	36753.657	799.127	1.554	2.128	622.464	454.701	445.025	9.676
2004	51399	37527.823	36509.902	1017.921	1.980	2.712	615.898	449.684	437.487	12.197
2005	51421	37486.186	36331.123	1155.063	2.246	3.081	609.074	444.018	430.337	13.682
2006	51355	37409.496	35981.139	1428.357	2.781	3.818	602.712	439.045	422.281	16.763
2007	51839	37602.867	35982.939	1619.929	3.125	4.308	602.056	436.718	417.904	18.814
2008	50976	36986.957	35269.300	1717.657	3.370	4.644	585.355	424.719	404.996	19.724
2009	51193	37201.944	35194.675	2007.270	3.921	5.396	581.003	422.215	399.434	22.781

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	699414.935	12489.90	1.274	1.754	619.890	450.053	442.157	7.896

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Main Results for E-Component Summarized over Simulations for Run: 22

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12651.004	11.975	0.012	0.095	1368.32	179.735	179.566	0.170
1992	93721	12337.995	12293.831	44.164	0.047	0.358	1311.71	172.682	172.064	0.618
1993	93679	12401.934	12301.585	100.349	0.107	0.809	1292.22	171.073	169.689	1.384
1994	90832	12128.576	11968.134	160.441	0.177	1.323	1233.90	164.759	162.580	2.179
1995	89698	11958.696	11727.624	231.072	0.258	1.932	1199.20	159.879	156.790	3.089
1996	88286	12020.749	11719.827	300.923	0.341	2.503	1164.54	158.560	154.590	3.969
1997	84777	11593.724	11220.173	373.550	0.441	3.222	1102.56	150.782	145.924	4.858
1998	82517	11337.035	10861.393	475.642	0.576	4.195	1058.04	145.364	139.265	6.099
1999	93939	13027.458	12294.680	732.778	0.780	5.625	1188.25	164.787	155.518	9.269
2000	90039	12607.547	11757.649	849.898	0.944	6.741	1124.63	157.474	146.858	10.616
2001	86119	12350.451	11309.777	1040.674	1.208	8.426	1063.62	152.535	139.682	12.853
2002	83014	12112.097	10951.612	1160.485	1.398	9.581	1014.99	148.092	133.903	14.189
2003	79302	11683.252	10408.373	1274.879	1.608	10.912	960.214	141.465	126.028	15.437
2004	73861	11139.095	9673.834	1465.261	1.984	13.154	885.053	133.476	115.919	17.558
2005	71649	10884.683	9294.101	1590.582	2.220	14.613	848.672	128.927	110.087	18.840
2006	67551	10397.565	8642.835	1754.729	2.598	16.876	792.791	122.028	101.434	20.594
2007	63503	9785.831	7945.562	1840.269	2.898	18.805	737.521	113.652	92.279	21.373
2008	63171	9922.524	7939.667	1982.857	3.139	19.983	725.389	113.940	91.171	22.769
2009	59747	9483.598	7388.786	2094.812	3.506	22.089	678.085	107.632	83.857	23.775

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	214997.207	17485.34	1.059	7.521	1043.56	146.971	135.917	11.054

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Main Results for E-Component Summarized over Simulations for Run: 22

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 22 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3111.522	4.494	0.014	0.144	461.369	44.228	44.164	0.064
1992	32560	3095.448	3080.839	14.608	0.045	0.472	455.708	43.324	43.119	0.204
1993	32768	3114.516	3081.794	32.722	0.100	1.051	452.005	42.962	42.511	0.451
1994	33005	3168.398	3114.556	53.843	0.163	1.699	448.353	43.041	42.309	0.731
1995	33730	3200.274	3122.774	77.500	0.230	2.422	450.946	42.785	41.749	1.036
1996	33750	3234.738	3133.995	100.743	0.298	3.114	445.180	42.668	41.339	1.329
1997	33699	3240.665	3119.886	120.778	0.358	3.727	438.271	42.146	40.576	1.571
1998	33274	3171.578	3014.025	157.553	0.474	4.968	426.640	40.666	38.646	2.020
1999	33891	3153.786	2944.114	209.672	0.619	6.648	428.694	39.893	37.241	2.652
2000	33827	3237.043	2971.752	265.292	0.784	8.195	422.514	40.432	37.118	3.314
2001	32506	3110.972	2798.246	312.726	0.962	10.052	401.468	38.422	34.560	3.862
2002	32078	3123.298	2771.465	351.833	1.097	11.265	392.210	38.188	33.886	4.302
2003	30568	3025.984	2643.503	382.481	1.251	12.640	370.127	36.640	32.008	4.631
2004	29388	2983.453	2539.302	444.152	1.511	14.887	352.147	35.750	30.428	5.322
2005	27954	2926.679	2444.422	482.257	1.725	16.478	331.111	34.666	28.954	5.712
2006	27201	2889.308	2356.988	532.320	1.957	18.424	319.236	33.909	27.662	6.247
2007	26302	2810.025	2235.354	574.671	2.185	20.451	305.470	32.636	25.961	6.674
2008	25998	2773.025	2168.902	604.123	2.324	21.786	298.534	31.843	24.905	6.937
2009	25040	2723.293	2069.614	653.679	2.611	24.003	284.186	30.907	23.489	7.419

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	55916.296	5375.447	0.862	8.770	394.195	38.747	35.349	3.398

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Main Results for E-Component Summarized over Simulations for Run: 22

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11810.386	8.461	0.032	0.072	377.015	167.754	167.634	0.120
1992	26828	11981.252	11967.133	14.119	0.053	0.118	375.483	167.689	167.491	0.198
1993	29774	13348.134	13314.878	33.256	0.112	0.249	410.705	184.125	183.667	0.459
1994	29804	13404.876	13366.373	38.503	0.129	0.287	404.869	182.097	181.574	0.523
1995	29755	13407.404	13340.342	67.063	0.225	0.500	397.803	179.248	178.351	0.897
1996	30900	14056.435	13997.907	58.528	0.189	0.416	407.587	185.412	184.639	0.772
1997	31128	14163.848	14075.973	87.875	0.282	0.620	404.834	184.207	183.064	1.143
1998	32096	14738.220	14614.683	123.537	0.385	0.838	411.536	188.974	187.390	1.584
1999	34616	15867.376	15684.209	183.167	0.529	1.154	437.865	200.710	198.393	2.317
2000	34299	15766.470	15514.243	252.227	0.735	1.600	428.409	196.930	193.779	3.150
2001	34592	16091.193	15764.477	326.716	0.944	2.030	427.231	198.736	194.700	4.035
2002	34291	16120.902	15740.720	380.181	1.109	2.358	419.268	197.106	192.458	4.648
2003	35074	16455.810	15958.749	497.061	1.417	3.021	424.687	199.252	193.234	6.019
2004	33512	15694.580	15073.790	620.790	1.852	3.955	401.564	188.063	180.625	7.439
2005	35392	16549.102	15783.232	765.870	2.164	4.628	419.213	196.022	186.950	9.072
2006	33981	15926.096	14988.491	937.605	2.759	5.887	398.807	186.912	175.908	11.004
2007	34000	15778.477	14736.270	1042.208	3.065	6.605	394.875	183.251	171.146	12.104
2008	37425	17438.838	16203.257	1235.580	3.301	7.085	429.749	200.249	186.061	14.188
2009	36826	17214.158	15793.483	1420.675	3.858	8.253	417.948	195.368	179.245	16.124

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	288543.810	8093.423	1.254	2.728	408.132	187.528	182.412	5.117

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA12
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 23, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 23, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA12

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.001500	0.000300	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.002000	0.000400	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.003000	0.000600	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.001500	0.000300	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.002000	0.000400	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.003000	0.000600	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 23, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 23, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	1899.00	20.69	146.00	5.40			
5	All Ages	Current MRTP	608.00	6.63					
5	All Ages	Current Dual	199.00	2.17					
5	All Ages	Former	2570.00	28.00			15.66	132.00	5.14

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	39.00	11.50	0.00	0.00			
5	18-19	Current MRTP	9.00	2.65					
5	18-19	Current Dual	12.00	3.54					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	207.00	22.62	1.00	0.38			
5	20-24	Current MRTP	36.00	3.93					
5	20-24	Current Dual	22.00	2.40					
5	20-24	Former	31.00	3.39			2.97	10.00	32.26
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	215.00	22.44	5.00	1.61			
5	25-29	Current MRTP	75.00	7.83					
5	25-29	Current Dual	20.00	2.09					
5	25-29	Former	113.00	11.80			5.14	14.00	12.39
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	282.00	26.26	15.00	3.79			
5	30-34	Current MRTP	93.00	8.66					
5	30-34	Current Dual	21.00	1.96					
5	30-34	Former	184.00	17.13			6.82	18.00	9.78
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	251.00	23.18	11.00	3.15			
5	35-39	Current MRTP	75.00	6.93					
5	35-39	Current Dual	23.00	2.12					
5	35-39	Former	256.00	23.64			7.77	17.00	6.64
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	203.00	20.86	10.00	3.52			
5	40-44	Current MRTP	62.00	6.37					
5	40-44	Current Dual	19.00	1.95					
5	40-44	Former	283.00	29.09			11.80	16.00	5.65
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	173.00	20.14	13.00	5.02			
5	45-49	Current MRTP	64.00	7.45					
5	45-49	Current Dual	22.00	2.56					
5	45-49	Former	292.00	33.99			14.05	10.00	3.42
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	146.00	23.17	15.00	7.32			
5	50-54	Current MRTP	46.00	7.30					
5	50-54	Current Dual	13.00	2.06					
5	50-54	Former	233.00	36.98			17.46	8.00	3.43
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	107.00	20.42	13.00	8.28			
5	55-59	Current MRTP	39.00	7.44					
5	55-59	Current Dual	11.00	2.10					
5	55-59	Former	212.00	40.46			17.47	10.00	4.72
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	80.00	15.53	15.00	12.50			
5	60-64	Current MRTP	33.00	6.41					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	254.00	49.32			18.40	9.00	3.54
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	90.00	18.00	13.00	10.00			
5	65-69	Current MRTP	32.00	6.40					
5	65-69	Current Dual	8.00	1.60					
5	65-69	Former	250.00	50.00			22.55	7.00	2.80
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	54.00	12.05	22.00	24.72			
5	70-74	Current MRTP	25.00	5.58					
5	70-74	Current Dual	10.00	2.23					
5	70-74	Former	253.00	56.47			22.55	8.00	3.16

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	52.00	14.48	13.00	15.85			
5	75-79	Current MRTP	19.00	5.29					
5	75-79	Current Dual	11.00	3.06					
5	75-79	Former	209.00	58.22			24.35	5.00	2.39

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	1403.00	14.97	216.00	7.98			
10	All Ages	Current MRTP	984.00	10.50					
10	All Ages	Current Dual	320.00	3.41					
10	All Ages	Former	2595.00	27.68			17.23	158.00	6.09

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	145.00	16.18	0.00	0.00			
10	20-24	Current MRTP	59.00	6.58					
10	20-24	Current Dual	48.00	5.36					
10	20-24	Former	17.00	1.90			1.47	9.00	52.94

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	175.00	19.13	1.00	0.33			
10	25-29	Current MRTP	77.00	8.42					
10	25-29	Current Dual	48.00	5.25					
10	25-29	Former	62.00	6.78			4.77	17.00	27.42

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	151.00	15.76	10.00	3.17			
10	30-34	Current MRTP	124.00	12.94					
10	30-34	Current Dual	40.00	4.18					
10	30-34	Former	144.00	15.03			8.17	13.00	9.03

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	197.00	18.34	18.00	5.03			
10	35-39	Current MRTP	127.00	11.82					
10	35-39	Current Dual	34.00	3.17					
10	35-39	Former	228.00	21.23			9.56	22.00	9.65

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	161.00	14.87	23.00	7.32			
10	40-44	Current MRTP	124.00	11.45					
10	40-44	Current Dual	29.00	2.68					
10	40-44	Former	291.00	26.87			10.90	24.00	8.25

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	146.00	15.01	16.00	6.11			
10	45-49	Current MRTP	89.00	9.15					
10	45-49	Current Dual	27.00	2.77					
10	45-49	Former	305.00	31.35			15.18	15.00	4.92

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	103.00	11.99	28.00	11.48			
10	50-54	Current MRTP	110.00	12.81					
10	50-54	Current Dual	31.00	3.61					
10	50-54	Former	307.00	35.74			17.18	13.00	4.23
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	103.00	16.35	22.00	11.46			
10	55-59	Current MRTP	77.00	12.22					
10	55-59	Current Dual	12.00	1.90					
10	55-59	Former	246.00	39.05			20.46	7.00	2.85
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	69.00	13.17	18.00	12.68			
10	60-64	Current MRTP	56.00	10.69					
10	60-64	Current Dual	17.00	3.24					
10	60-64	Former	227.00	43.32			20.11	8.00	3.52
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	56.00	10.87	20.00	17.54			
10	65-69	Current MRTP	48.00	9.32					
10	65-69	Current Dual	10.00	1.94					
10	65-69	Former	260.00	50.49			21.43	10.00	3.85
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	63.00	12.60	28.00	22.05			
10	70-74	Current MRTP	52.00	10.40					
10	70-74	Current Dual	12.00	2.40					
10	70-74	Former	253.00	50.60			24.87	13.00	5.14
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	34.00	7.59	32.00	36.78			
10	75-79	Current MRTP	41.00	9.15					
10	75-79	Current Dual	12.00	2.68					
10	75-79	Former	255.00	56.92			25.51	7.00	2.75
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	961.00	10.77	285.00	11.26			
15	All Ages	Current MRTP	1196.00	13.40					
15	All Ages	Current Dual	375.00	4.20					
15	All Ages	Former	2527.00	28.31			18.70	145.00	5.74
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	127.00	14.17	1.00	0.35			
15	25-29	Current MRTP	98.00	10.94					
15	25-29	Current Dual	64.00	7.14					
15	25-29	Former	42.00	4.69			3.55	13.00	30.95
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	120.00	13.11	5.00	1.69			
15	30-34	Current MRTP	117.00	12.79					
15	30-34	Current Dual	59.00	6.45					
15	30-34	Former	94.00	10.27			6.71	16.00	17.02
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	104.00	10.86	18.00	5.96			
15	35-39	Current MRTP	152.00	15.87					
15	35-39	Current Dual	46.00	4.80					
15	35-39	Former	166.00	17.33			11.16	11.00	6.63
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	126.00	11.73	28.00	8.28			
15	40-44	Current MRTP	169.00	15.74					
15	40-44	Current Dual	43.00	4.00					
15	40-44	Former	248.00	23.09			12.90	12.00	4.84
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	113.00	10.43	35.00	11.95			
15	45-49	Current MRTP	147.00	13.57					
15	45-49	Current Dual	33.00	3.05					
15	45-49	Former	312.00	28.81			14.39	15.00	4.81
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	96.00	9.87	26.00	10.83			
15	50-54	Current MRTP	118.00	12.13					
15	50-54	Current Dual	26.00	2.67					
15	50-54	Former	327.00	33.61			18.18	21.00	6.42
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	68.00	7.92	36.00	16.29			
15	55-59	Current MRTP	119.00	13.85					
15	55-59	Current Dual	34.00	3.96					
15	55-59	Former	330.00	38.42			19.98	17.00	5.15
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	76.00	12.06	34.00	18.89			
15	60-64	Current MRTP	87.00	13.81					
15	60-64	Current Dual	17.00	2.70					
15	60-64	Former	258.00	40.95			22.67	13.00	5.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	46.00	8.78	24.00	18.18			
15	65-69	Current MRTP	65.00	12.40					
15	65-69	Current Dual	21.00	4.01					
15	65-69	Former	237.00	45.23			22.44	10.00	4.22
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	36.00	6.99	31.00	28.18			
15	70-74	Current MRTP	57.00	11.07					
15	70-74	Current Dual	17.00	3.30					
15	70-74	Former	264.00	51.26			24.36	6.00	2.27
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	49.00	9.80	47.00	35.88			
15	75-79	Current MRTP	67.00	13.40					
15	75-79	Current Dual	15.00	3.00					
15	75-79	Former	249.00	49.80			27.29	11.00	4.42
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	629.00	7.46	341.00	15.04			

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	1264.00	15.00					
20	All Ages	Current Dual	374.00	4.44					
20	All Ages	Former	2440.00	28.95			19.85	141.00	5.78

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	88.00	9.82	6.00	2.20			
20	30-34	Current MRTP	121.00	13.50					
20	30-34	Current Dual	64.00	7.14					
20	30-34	Former	76.00	8.48			5.38	13.00	17.11

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	82.00	8.96	9.00	3.19			
20	35-39	Current MRTP	141.00	15.41					
20	35-39	Current Dual	59.00	6.45					
20	35-39	Former	118.00	12.90			9.14	13.00	11.02

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	69.00	7.20	25.00	8.80			
20	40-44	Current MRTP	167.00	17.43					
20	40-44	Current Dual	48.00	5.01					
20	40-44	Former	184.00	19.21			14.02	6.00	3.26

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	93.00	8.66	34.00	10.79			
20	45-49	Current MRTP	179.00	16.67					
20	45-49	Current Dual	43.00	4.00					
20	45-49	Former	271.00	25.23			15.72	20.00	7.38

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	70.00	6.46	50.00	17.73			
20	50-54	Current MRTP	177.00	16.34					
20	50-54	Current Dual	35.00	3.23					
20	50-54	Former	323.00	29.82			17.80	8.00	2.48

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	68.00	6.99	39.00	18.14			
20	55-59	Current MRTP	124.00	12.74					
20	55-59	Current Dual	23.00	2.36					
20	55-59	Former	352.00	36.18			20.58	22.00	6.25

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	52.00	6.05	50.00	24.51			
20	60-64	Current MRTP	117.00	13.62					

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	35.00	4.07					
20	60-64	Former	347.00	40.40			22.18	20.00	5.76

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	56.00	8.89	48.00	27.12			
20	65-69	Current MRTP	100.00	15.87					
20	65-69	Current Dual	21.00	3.33					
20	65-69	Former	261.00	41.43			25.07	10.00	3.83

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	30.00	5.73	35.00	28.00			
20	70-74	Current MRTP	70.00	13.36					
20	70-74	Current Dual	25.00	4.77					
20	70-74	Former	244.00	46.56			24.70	18.00	7.38

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	21.00	4.08	45.00	40.91			
20	75-79	Current MRTP	68.00	13.20					
20	75-79	Current Dual	21.00	4.08					
20	75-79	Former	264.00	51.26			25.96	11.00	4.17

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Main Results for E-Component Summarized over Simulations for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	123949.779	182.804	0.058	0.147	4845.61	1920.39	1917.56	2.828
1992	308577	122143.718	121596.414	547.304	0.177	0.448	4692.62	1857.47	1849.15	8.323
1993	311713	123269.216	122152.001	1117.215	0.358	0.906	4656.77	1841.55	1824.86	16.690
1994	305700	120480.723	118758.970	1721.753	0.563	1.429	4482.57	1766.64	1741.40	25.247
1995	303225	118666.569	116183.218	2483.351	0.819	2.093	4361.58	1706.89	1671.17	35.720
1996	299559	116607.195	113375.847	3231.348	1.079	2.771	4242.85	1651.58	1605.82	45.768
1997	294226	114665.051	110686.266	3978.785	1.352	3.470	4100.64	1598.09	1542.64	55.452
1998	289258	113038.380	108217.347	4821.033	1.667	4.265	3966.28	1549.97	1483.87	66.106
1999	311002	117067.463	110677.958	6389.505	2.054	5.458	4198.14	1580.27	1494.02	86.250
2000	303786	114977.407	107707.626	7269.782	2.393	6.323	4041.13	1529.49	1432.79	96.707
2001	296294	113047.319	104959.814	8087.505	2.730	7.154	3890.54	1484.39	1378.19	106.194
2002	291898	111744.742	102661.996	9082.746	3.112	8.128	3789.34	1450.64	1332.73	117.910
2003	285865	110551.854	100404.388	10147.47	3.550	9.179	3671.31	1419.80	1289.47	130.322
2004	274177	107418.262	96617.301	10800.96	3.939	10.055	3481.92	1364.16	1227.00	137.167
2005	272379	107678.770	95895.193	11783.58	4.326	10.943	3417.44	1351.01	1203.16	147.844
2006	264118	104357.806	91829.763	12528.04	4.743	12.005	3281.83	1296.71	1141.04	155.669
2007	258419	102690.449	89442.730	13247.72	5.126	12.901	3176.05	1262.10	1099.28	162.819
2008	259461	103492.166	89141.840	14350.33	5.531	13.866	3150.91	1256.82	1082.55	174.271
2009	253907	101384.044	86277.640	15106.40	5.950	14.900	3045.20	1215.94	1034.76	181.177

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2136366.051	136877.6	2.354	6.021	3927.78	1535.76	1443.29	92.472

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Main Results for E-Component Summarized over Simulations for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63039.869	28.917	0.037	0.046	1213.84	975.702	975.255	0.447
1992	77987	62535.347	62447.490	87.857	0.113	0.140	1185.97	950.993	949.657	1.336
1993	78542	62883.111	62706.881	176.230	0.224	0.280	1173.36	939.428	936.795	2.633
1994	77437	61805.804	61527.433	278.371	0.359	0.450	1135.48	906.276	902.195	4.082
1995	76904	61145.799	60736.598	409.201	0.532	0.669	1106.18	879.519	873.633	5.886
1996	76232	60385.323	59840.675	544.647	0.714	0.902	1079.72	855.277	847.563	7.714
1997	75473	59549.806	58871.869	677.936	0.898	1.138	1051.87	829.947	820.499	9.448
1998	75381	59292.315	58397.553	894.762	1.187	1.509	1033.62	813.010	800.741	12.269
1999	73159	57398.351	56321.925	1076.427	1.471	1.875	987.557	774.807	760.277	14.530
2000	73784	57716.549	56394.353	1322.195	1.792	2.291	981.515	767.777	750.188	17.589
2001	73294	57211.877	55685.259	1526.618	2.083	2.668	962.399	751.230	731.184	20.046
2002	72442	56438.810	54693.067	1745.743	2.410	3.093	940.422	732.673	710.011	22.663
2003	71942	55948.341	53941.461	2006.881	2.790	3.587	923.937	718.533	692.760	25.774
2004	71301	55339.218	53099.010	2240.208	3.142	4.048	905.490	702.783	674.333	28.450
2005	70964	54964.459	52497.610	2466.849	3.476	4.488	890.360	689.620	658.669	30.951
2006	69658	53781.526	51105.535	2675.991	3.842	4.976	865.543	668.268	635.018	33.251
2007	68565	52784.985	49877.606	2907.378	4.240	5.508	842.687	648.745	613.012	35.733
2008	68226	52470.692	49231.269	3239.423	4.748	6.174	828.542	637.208	597.868	39.340
2009	67509	51823.021	48293.270	3529.751	5.229	6.811	809.661	621.533	579.200	42.334

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1132153.143	27835.39	1.886	2.400	997.213	783.665	764.860	18.805

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Main Results for E-Component Summarized over Simulations for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	36944.252	123.132	0.073	0.332	2599.72	573.449	571.544	1.905
1992	164548	35863.851	35501.428	362.423	0.220	1.011	2502.33	545.392	539.880	5.511
1993	164362	35459.800	34720.280	739.520	0.450	2.086	2455.45	529.744	518.696	11.048
1994	159866	34293.631	33174.084	1119.547	0.700	3.265	2344.16	502.857	486.441	16.416
1995	158083	33531.695	31933.785	1597.910	1.011	4.765	2273.86	482.318	459.334	22.984
1996	154875	32438.163	30375.683	2062.479	1.332	6.358	2193.60	459.443	430.231	29.212
1997	149970	31179.663	28666.281	2513.382	1.676	8.061	2090.14	434.552	399.523	35.029
1998	145407	29860.736	26920.539	2940.197	2.022	9.846	1993.81	409.447	369.132	40.316
1999	165952	34413.904	30338.980	4074.924	2.455	11.841	2240.15	464.545	409.539	55.006
2000	160260	33265.290	28737.812	4527.478	2.825	13.610	2131.87	442.513	382.286	60.227
2001	154444	32074.102	27098.422	4975.679	3.222	15.513	2027.95	421.154	355.820	65.334
2002	151887	31817.956	26261.276	5556.681	3.658	17.464	1971.76	413.052	340.917	72.135
2003	146733	31025.931	24910.099	6115.832	4.168	19.712	1884.46	398.460	319.915	78.544
2004	138381	29503.602	23088.420	6415.182	4.636	21.744	1757.38	374.682	293.212	81.470
2005	135881	29077.894	22157.634	6920.260	5.093	23.799	1704.85	364.830	278.004	86.826
2006	131922	28385.448	21026.576	7358.872	5.578	25.925	1639.21	352.707	261.268	91.438
2007	126502	27327.625	19716.993	7610.633	6.016	27.850	1554.75	335.866	242.328	93.537
2008	125859	27025.472	19007.201	8018.270	6.371	29.669	1528.44	328.199	230.825	97.374
2009	122428	26361.626	18054.317	8307.309	6.785	31.513	1468.33	316.165	216.532	99.633

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	557016.962	81339.71	2.714	12.742	2024.64	431.261	376.310	54.951

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Main Results for E-Component Summarized over Simulations for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 23 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4471.888	16.095	0.049	0.359	504.630	69.431	69.182	0.249
1992	32100	4371.196	4319.890	51.306	0.160	1.174	488.154	66.474	65.694	0.780
1993	32896	4414.136	4305.107	109.029	0.331	2.470	491.442	65.944	64.315	1.629
1994	33323	4474.895	4300.367	174.529	0.524	3.900	488.625	65.617	63.058	2.559
1995	33569	4476.290	4218.308	257.982	0.769	5.763	482.855	64.387	60.676	3.711
1996	33870	4489.078	4151.824	337.254	0.996	7.513	479.723	63.582	58.805	4.777
1997	33516	4444.866	4021.095	423.771	1.264	9.534	467.113	61.948	56.042	5.906
1998	32795	4313.427	3828.265	485.162	1.479	11.248	449.682	59.145	52.493	6.652
1999	33375	4232.739	3668.901	563.838	1.689	13.321	450.521	57.137	49.526	7.611
2000	33459	4307.577	3670.405	637.172	1.904	14.792	445.090	57.302	48.826	8.476
2001	32275	4136.308	3453.563	682.745	2.115	16.506	423.792	54.312	45.348	8.965
2002	31586	4079.175	3329.026	750.149	2.375	18.390	410.041	52.955	43.217	9.738
2003	30985	4096.221	3244.952	851.269	2.747	20.782	397.934	52.607	41.674	10.933
2004	29884	4034.217	3124.933	909.284	3.043	22.539	379.513	51.233	39.685	11.547
2005	28708	3944.303	2971.905	972.397	3.387	24.653	360.189	49.488	37.287	12.200
2006	28188	3970.169	2908.720	1061.449	3.766	26.736	350.253	49.332	36.143	13.189
2007	28026	3957.558	2827.701	1129.857	4.031	28.549	344.449	48.640	34.753	13.886
2008	27128	3812.302	2668.629	1143.673	4.216	30.000	329.444	46.297	32.408	13.889
2009	27068	3827.467	2604.385	1223.082	4.519	31.955	324.637	45.904	31.235	14.669

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	72677.458	11780.05	1.875	13.948	424.421	57.058	49.099	7.958

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Main Results for E-Component Summarized over Simulations for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19493.770	14.661	0.043	0.075	527.418	301.804	301.577	0.227
1992	33942	19373.324	19327.607	45.717	0.135	0.236	516.166	294.616	293.921	0.695
1993	35913	20512.169	20419.734	92.435	0.257	0.451	536.514	306.437	305.056	1.381
1994	35074	19906.392	19757.086	149.306	0.426	0.750	514.300	291.893	289.704	2.189
1995	34669	19512.784	19294.526	218.258	0.630	1.119	498.677	280.671	277.532	3.139
1996	34582	19294.631	19007.664	286.966	0.830	1.487	489.808	273.283	269.218	4.064
1997	35267	19490.717	19127.020	363.697	1.031	1.866	491.517	271.643	266.574	5.069
1998	35675	19571.902	19070.990	500.912	1.404	2.559	489.172	268.368	261.499	6.868
1999	38516	21022.469	20348.152	674.317	1.751	3.208	519.919	283.777	274.675	9.102
2000	36283	19687.992	18905.056	782.936	2.158	3.977	482.656	261.900	251.485	10.415
2001	36281	19625.032	18722.569	902.463	2.487	4.599	476.394	257.690	245.840	11.850
2002	35983	19408.801	18378.628	1030.173	2.863	5.308	467.122	251.960	238.586	13.373
2003	36205	19481.360	18307.876	1173.484	3.241	6.024	464.974	250.195	235.124	15.071
2004	34611	18541.224	17304.938	1236.286	3.572	6.668	439.544	235.465	219.765	15.700
2005	36826	19692.114	18268.044	1424.070	3.867	7.232	462.043	247.070	229.203	17.867
2006	34350	18220.663	16788.932	1431.731	4.168	7.858	426.820	226.403	208.613	17.790
2007	35326	18620.282	17020.430	1599.851	4.529	8.592	434.168	228.849	209.187	19.663
2008	38248	20183.701	18234.741	1948.960	5.096	9.656	464.487	245.112	221.444	23.668
2009	36902	19371.930	17325.668	2046.261	5.545	10.563	442.580	232.335	207.793	24.542

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	374518.488	15922.49	2.234	4.078	481.512	263.774	253.017	10.757

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA12
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 24, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 24, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA12

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.001500	0.000300	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.002000	0.000400	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.003000	0.000600	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.004500	0.000900	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.001500	0.000300	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.002000	0.000400	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.003000	0.000600	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.004500	0.000900	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 24, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 24, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	1581.00	17.41	115.00	5.20			
5	All Ages	Current MRTP	487.00	5.36					
5	All Ages	Current Dual	145.00	1.60					
5	All Ages	Former	1981.00	21.82			14.82	105.00	5.30

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	6.00	2.01					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			2.00	0.00	0.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	203.00	24.05	4.00	1.54			
5	20-24	Current MRTP	40.00	4.74					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	27.00	3.20			2.89	10.00	37.04
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	166.00	19.98	8.00	3.42			
5	25-29	Current MRTP	54.00	6.50					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	134.00	16.13			5.43	14.00	10.45
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	217.00	21.72	12.00	4.08			
5	30-34	Current MRTP	61.00	6.11					
5	30-34	Current Dual	16.00	1.60					
5	30-34	Former	183.00	18.32			7.71	15.00	8.20
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	228.00	20.32	8.00	2.46			
5	35-39	Current MRTP	78.00	6.95					
5	35-39	Current Dual	19.00	1.69					
5	35-39	Former	236.00	21.03			8.62	10.00	4.24
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	150.00	15.46	8.00	3.65			
5	40-44	Current MRTP	56.00	5.77					
5	40-44	Current Dual	13.00	1.34					
5	40-44	Former	254.00	26.19			11.56	10.00	3.94
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	132.00	16.28	11.00	5.58			
5	45-49	Current MRTP	52.00	6.41					
5	45-49	Current Dual	13.00	1.60					
5	45-49	Former	192.00	23.67			11.86	8.00	4.17
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	117.00	18.84	8.00	5.19			
5	50-54	Current MRTP	31.00	4.99					
5	50-54	Current Dual	6.00	0.97					
5	50-54	Former	166.00	26.73			15.28	13.00	7.83
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	92.00	17.20	9.00	6.72			
5	55-59	Current MRTP	34.00	6.36					
5	55-59	Current Dual	8.00	1.50					
5	55-59	Former	149.00	27.85			15.57	5.00	3.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	64.00	13.11	7.00	7.22			
5	60-64	Current MRTP	24.00	4.92					
5	60-64	Current Dual	9.00	1.84					
5	60-64	Former	141.00	28.89			20.06	5.00	3.55
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	83.00	15.49	15.00	13.27			
5	65-69	Current MRTP	19.00	3.54					
5	65-69	Current Dual	11.00	2.05					
5	65-69	Former	163.00	30.41			20.96	6.00	3.68
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	61.00	11.32	12.00	14.29			
5	70-74	Current MRTP	17.00	3.15					
5	70-74	Current Dual	6.00	1.11					
5	70-74	Former	175.00	32.47			24.77	5.00	2.86

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	38.00	7.82	13.00	22.03			
5	75-79	Current MRTP	15.00	3.09					
5	75-79	Current Dual	6.00	1.23					
5	75-79	Former	160.00	32.92			27.82	4.00	2.50

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1140.00	12.52	186.00	8.41			
10	All Ages	Current MRTP	833.00	9.14					
10	All Ages	Current Dual	239.00	2.62					
10	All Ages	Former	1999.00	21.95			16.27	122.00	6.10

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	118.00	14.51	1.00	0.52			
10	20-24	Current MRTP	41.00	5.04					
10	20-24	Current Dual	32.00	3.94					
10	20-24	Former	21.00	2.58			2.05	8.00	38.10

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	159.00	18.84	5.00	1.89			
10	25-29	Current MRTP	79.00	9.36					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	57.00	6.75			4.79	14.00	24.56

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	125.00	15.04	17.00	7.05			
10	30-34	Current MRTP	86.00	10.35					
10	30-34	Current Dual	30.00	3.61					
10	30-34	Former	149.00	17.93			9.09	12.00	8.05

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	151.00	15.12	24.00	8.19			
10	35-39	Current MRTP	110.00	11.01					
10	35-39	Current Dual	32.00	3.20					
10	35-39	Former	196.00	19.62			11.19	13.00	6.63

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	147.00	13.10	18.00	5.94			
10	40-44	Current MRTP	127.00	11.32					
10	40-44	Current Dual	29.00	2.58					
10	40-44	Former	258.00	22.99			11.96	13.00	5.04

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	87.00	8.97	18.00	9.09			
10	45-49	Current MRTP	92.00	9.48					
10	45-49	Current Dual	19.00	1.96					
10	45-49	Former	275.00	28.35			14.91	11.00	4.00

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	93.00	11.47	21.00	11.23			
10	50-54	Current MRTP	79.00	9.74					
10	50-54	Current Dual	15.00	1.85					
10	50-54	Former	202.00	24.91			15.20	10.00	4.95
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	78.00	12.56	12.00	8.39			
10	55-59	Current MRTP	54.00	8.70					
10	55-59	Current Dual	11.00	1.77					
10	55-59	Former	177.00	28.50			18.34	5.00	2.82
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	55.00	10.28	15.00	12.71			
10	60-64	Current MRTP	56.00	10.47					
10	60-64	Current Dual	7.00	1.31					
10	60-64	Former	165.00	30.84			18.13	5.00	3.03
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	41.00	8.40	13.00	13.83			
10	65-69	Current MRTP	34.00	6.97					
10	65-69	Current Dual	19.00	3.89					
10	65-69	Former	144.00	29.51			23.33	5.00	3.47
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	45.00	8.40	18.00	18.37			
10	70-74	Current MRTP	39.00	7.28					
10	70-74	Current Dual	14.00	2.61					
10	70-74	Former	178.00	33.21			22.91	14.00	7.87
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	41.00	7.61	24.00	29.27			
10	75-79	Current MRTP	36.00	6.68					
10	75-79	Current Dual	5.00	0.93					
10	75-79	Former	177.00	32.84			26.68	12.00	6.78
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	768.00	8.96	231.00	11.26			
15	All Ages	Current MRTP	1001.00	11.68					
15	All Ages	Current Dual	283.00	3.30					
15	All Ages	Former	1995.00	23.28			17.65	110.00	5.51
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	106.00	13.04	0.00	0.00			
15	25-29	Current MRTP	70.00	8.61					
15	25-29	Current Dual	47.00	5.78					
15	25-29	Former	44.00	5.41			4.23	14.00	31.82
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	114.00	13.51	9.00	3.31			
15	30-34	Current MRTP	124.00	14.69					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	82.00	9.72			7.21	10.00	12.20

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	84.00	10.11	23.00	10.22			
15	35-39	Current MRTP	109.00	13.12					
15	35-39	Current Dual	32.00	3.85					
15	35-39	Former	172.00	20.70			12.02	7.00	4.07

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	102.00	10.21	34.00	12.27			
15	40-44	Current MRTP	128.00	12.81					
15	40-44	Current Dual	47.00	4.70					
15	40-44	Former	212.00	21.22			14.26	15.00	7.08

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	97.00	8.65	27.00	9.44			
15	45-49	Current MRTP	156.00	13.90					
15	45-49	Current Dual	33.00	2.94					
15	45-49	Former	275.00	24.51			15.41	9.00	3.27

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	59.00	6.08	25.00	13.59			
15	50-54	Current MRTP	101.00	10.41					
15	50-54	Current Dual	24.00	2.47					
15	50-54	Former	289.00	29.79			18.26	8.00	2.77

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	63.00	7.77	24.00	14.29			
15	55-59	Current MRTP	92.00	11.34					
15	55-59	Current Dual	13.00	1.60					
15	55-59	Former	221.00	27.25			17.76	18.00	8.14

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	46.00	7.41	21.00	16.41			
15	60-64	Current MRTP	70.00	11.27					
15	60-64	Current Dual	12.00	1.93					
15	60-64	Former	192.00	30.92			20.61	7.00	3.65

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	42.00	7.85	22.00	19.82			
15	65-69	Current MRTP	61.00	11.40					
15	65-69	Current Dual	8.00	1.50					
15	65-69	Former	172.00	32.15			21.22	9.00	5.23

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	26.00	5.33	21.00	24.71			
15	70-74	Current MRTP	40.00	8.20					
15	70-74	Current Dual	19.00	3.89					
15	70-74	Former	153.00	31.35			24.14	8.00	5.23

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	29.00	5.41	25.00	26.88			
15	75-79	Current MRTP	50.00	9.33					
15	75-79	Current Dual	14.00	2.61					
15	75-79	Former	183.00	34.14			25.21	5.00	2.73

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	520.00	6.47	248.00	13.62			

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	1019.00	12.68					
20	All Ages	Current Dual	282.00	3.51					
20	All Ages	Former	1987.00	24.73			19.05	119.00	5.99

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	85.00	10.46	1.00	0.45			
20	30-34	Current MRTP	91.00	11.19					
20	30-34	Current Dual	47.00	5.78					
20	30-34	Former	69.00	8.49			6.45	11.00	15.94

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	72.00	8.53	11.00	4.25			
20	35-39	Current MRTP	142.00	16.82					
20	35-39	Current Dual	45.00	5.33					
20	35-39	Former	107.00	12.68			9.40	8.00	7.48

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	54.00	6.50	28.00	13.53			
20	40-44	Current MRTP	120.00	14.44					
20	40-44	Current Dual	33.00	3.97					
20	40-44	Former	190.00	22.86			14.96	8.00	4.21

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	77.00	7.71	33.00	13.15			
20	45-49	Current MRTP	132.00	13.21					
20	45-49	Current Dual	42.00	4.20					
20	45-49	Former	238.00	23.82			16.55	12.00	5.04

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	73.00	6.51	34.00	13.44			
20	50-54	Current MRTP	150.00	13.37					
20	50-54	Current Dual	30.00	2.67					
20	50-54	Former	308.00	27.45			17.64	19.00	6.17

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	39.00	4.02	33.00	19.53			
20	55-59	Current MRTP	105.00	10.82					
20	55-59	Current Dual	25.00	2.58					
20	55-59	Former	304.00	31.34			21.05	17.00	5.59

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	42.00	5.18	33.00	21.15			
20	60-64	Current MRTP	97.00	11.96					

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	17.00	2.10					
20	60-64	Former	233.00	28.73			20.36	12.00	5.15

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	30.00	4.83	25.00	20.00			
20	65-69	Current MRTP	83.00	13.37					
20	65-69	Current Dual	12.00	1.93					
20	65-69	Former	195.00	31.40			23.86	9.00	4.62

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	27.00	5.05	23.00	22.33			
20	70-74	Current MRTP	62.00	11.59					
20	70-74	Current Dual	14.00	2.62					
20	70-74	Former	180.00	33.64			24.14	10.00	5.56

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	21.00	4.30	27.00	36.00			
20	75-79	Current MRTP	37.00	7.58					
20	75-79	Current Dual	17.00	3.48					
20	75-79	Former	163.00	33.40			24.79	13.00	7.98

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Main Results for E-Component Summarized over Simulations for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59048.148	79.713	0.040	0.135	2826.86	839.248	838.116	1.131
1992	198532	60226.142	60008.521	217.621	0.110	0.361	2778.64	842.922	839.876	3.046
1993	202512	62332.320	61859.967	472.353	0.233	0.758	2793.47	859.818	853.302	6.516
1994	200658	62691.239	61986.831	704.408	0.351	1.124	2725.82	851.622	842.053	9.569
1995	201023	63132.954	62113.481	1019.473	0.507	1.615	2687.54	844.043	830.414	13.630
1996	201180	64309.880	62993.440	1316.441	0.654	2.047	2653.67	848.280	830.915	17.365
1997	198639	64547.894	62902.326	1645.567	0.828	2.549	2583.39	839.475	818.074	21.401
1998	197573	65384.866	63275.445	2109.421	1.068	3.226	2533.29	838.367	811.320	27.047
1999	211329	67554.762	64683.318	2871.443	1.359	4.251	2673.14	854.513	818.192	36.321
2000	208496	68184.366	64736.012	3448.354	1.654	5.057	2604.20	851.652	808.580	43.071
2001	203606	68286.060	64132.451	4153.609	2.040	6.083	2514.65	843.372	792.073	51.299
2002	200828	68983.996	64268.784	4715.212	2.348	6.835	2455.47	843.450	785.798	57.652
2003	196352	68717.830	63345.806	5372.025	2.736	7.818	2377.49	832.057	767.011	65.046
2004	188160	67344.952	61296.679	6048.273	3.214	8.981	2254.66	806.974	734.499	72.475
2005	186416	67846.650	61054.347	6792.303	3.644	10.011	2208.07	803.634	723.180	80.454
2006	180088	66622.465	59069.625	7552.839	4.194	11.337	2113.55	781.893	693.252	88.642
2007	175644	65977.201	57895.864	8081.337	4.601	12.249	2039.92	766.256	672.400	93.856
2008	177570	67121.344	58277.093	8844.250	4.981	13.177	2039.03	770.751	669.193	101.558
2009	172806	66622.993	57067.077	9555.916	5.530	14.343	1961.22	756.123	647.670	108.453

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1227315.806	75000.56	1.923	5.759	2465.77	823.300	775.886	47.414

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Main Results for E-Component Summarized over Simulations for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31511.126	18.892	0.043	0.060	620.154	447.530	447.262	0.268
1992	45423	32811.446	32762.361	49.085	0.108	0.150	635.738	459.227	458.540	0.687
1993	46291	33467.735	33360.548	107.187	0.232	0.320	638.542	461.657	460.178	1.479
1994	47017	33989.389	33835.115	154.274	0.328	0.454	638.697	461.725	459.629	2.096
1995	47840	34566.580	34329.895	236.685	0.495	0.685	639.587	462.131	458.967	3.164
1996	48244	34997.958	34699.636	298.322	0.618	0.852	636.363	461.641	457.706	3.935
1997	49035	35549.658	35157.089	392.569	0.801	1.104	637.723	462.340	457.234	5.106
1998	49686	36138.033	35616.687	521.346	1.049	1.443	637.076	463.363	456.678	6.685
1999	48883	35506.142	34842.800	663.342	1.357	1.868	618.331	449.124	440.733	8.391
2000	50331	36573.306	35718.482	854.824	1.698	2.337	628.656	456.816	446.139	10.677
2001	50389	36733.445	35667.406	1066.040	2.116	2.902	622.333	453.679	440.513	13.166
2002	51445	37627.700	36357.554	1270.146	2.469	3.376	629.005	460.065	444.535	15.530
2003	51408	37552.784	36047.758	1505.026	2.928	4.008	622.464	454.701	436.478	18.223
2004	51399	37527.823	35746.755	1781.068	3.465	4.746	615.898	449.684	428.342	21.342
2005	51421	37486.186	35456.476	2029.710	3.947	5.415	609.074	444.018	419.977	24.042
2006	51355	37409.496	35027.166	2382.330	4.639	6.368	602.712	439.045	411.085	27.959
2007	51839	37602.867	34939.334	2663.534	5.138	7.083	602.056	436.718	405.784	30.934
2008	50976	36986.957	34134.908	2852.049	5.595	7.711	585.355	424.719	391.969	32.750
2009	51193	37201.944	33972.726	3229.218	6.308	8.680	581.003	422.215	385.566	36.649

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	689829.192	22075.65	2.251	3.101	619.890	450.053	436.097	13.956

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Main Results for E-Component Summarized over Simulations for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12627.586	35.393	0.037	0.280	1368.32	179.735	179.233	0.502
1992	93721	12337.995	12233.461	104.535	0.112	0.847	1311.71	172.682	171.219	1.463
1993	93679	12401.934	12178.096	223.839	0.239	1.805	1292.22	171.073	167.986	3.088
1994	90832	12128.576	11782.136	346.440	0.381	2.856	1233.90	164.759	160.053	4.706
1995	89698	11958.696	11477.165	481.531	0.537	4.027	1199.20	159.879	153.442	6.438
1996	88286	12020.749	11380.372	640.377	0.725	5.327	1164.54	158.560	150.113	8.447
1997	84777	11593.724	10816.699	777.025	0.917	6.702	1102.56	150.782	140.676	10.106
1998	82517	11337.035	10370.245	966.790	1.172	8.528	1058.04	145.364	132.968	12.396
1999	93939	13027.458	11632.935	1394.523	1.484	10.704	1188.25	164.787	147.147	17.640
2000	90039	12607.547	11023.634	1583.913	1.759	12.563	1124.63	157.474	137.690	19.784
2001	86119	12350.451	10479.558	1870.892	2.172	15.148	1063.62	152.535	129.429	23.107
2002	83014	12112.097	10047.520	2064.577	2.487	17.046	1014.99	148.092	122.849	25.243
2003	79302	11683.252	9430.491	2252.761	2.841	19.282	960.214	141.465	114.187	27.277
2004	73861	11139.095	8680.991	2458.104	3.328	22.067	885.053	133.476	104.022	29.455
2005	71649	10884.683	8223.905	2660.778	3.714	24.445	848.672	128.927	97.411	31.517
2006	67551	10397.565	7567.123	2830.442	4.190	27.222	792.791	122.028	88.809	33.219
2007	63503	9785.831	6887.173	2898.658	4.565	29.621	737.521	113.652	79.987	33.665
2008	63171	9922.524	6812.719	3109.805	4.923	31.341	725.389	113.940	78.230	35.710
2009	59747	9483.598	6301.508	3182.089	5.326	33.554	678.085	107.632	71.518	36.114

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	202600.079	29882.47	1.810	12.854	1043.56	146.971	128.080	18.891

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Main Results for E-Component Summarized over Simulations for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 24 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3103.634	12.381	0.038	0.397	461.369	44.228	44.052	0.176
1992	32560	3095.448	3061.945	33.503	0.103	1.082	455.708	43.324	42.855	0.469
1993	32768	3114.516	3044.175	70.342	0.215	2.259	452.005	42.962	41.992	0.970
1994	33005	3168.398	3055.481	112.918	0.342	3.564	448.353	43.041	41.507	1.534
1995	33730	3200.274	3039.104	161.170	0.478	5.036	450.946	42.785	40.631	2.155
1996	33750	3234.738	3022.285	212.454	0.629	6.568	445.180	42.668	39.865	2.802
1997	33699	3240.665	2984.081	256.583	0.761	7.918	438.271	42.146	38.809	3.337
1998	33274	3171.578	2851.671	319.907	0.961	10.087	426.640	40.666	36.564	4.102
1999	33891	3153.786	2758.506	395.280	1.166	12.534	428.694	39.893	34.893	5.000
2000	33827	3237.043	2756.225	480.818	1.421	14.854	422.514	40.432	34.426	6.006
2001	32506	3110.972	2566.121	544.850	1.676	17.514	401.468	38.422	31.693	6.729
2002	32078	3123.298	2517.819	605.479	1.888	19.386	392.210	38.188	30.785	7.403
2003	30568	3025.984	2374.230	651.753	2.132	21.539	370.127	36.640	28.748	7.892
2004	29388	2983.453	2256.071	727.382	2.475	24.381	352.147	35.750	27.034	8.716
2005	27954	2926.679	2144.516	782.164	2.798	26.725	331.111	34.666	25.401	9.265
2006	27201	2889.308	2047.070	842.238	3.096	29.150	319.236	33.909	24.025	9.885
2007	26302	2810.025	1926.285	883.740	3.360	31.450	305.470	32.636	22.372	10.264
2008	25998	2773.025	1856.671	916.353	3.525	33.045	298.534	31.843	21.320	10.522
2009	25040	2723.293	1768.931	954.362	3.811	35.044	284.186	30.907	20.076	10.831

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	52328.065	8963.678	1.438	14.625	394.195	38.747	33.081	5.667

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Main Results for E-Component Summarized over Simulations for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11805.801	13.046	0.049	0.110	377.015	167.754	167.569	0.185
1992	26828	11981.252	11950.755	30.497	0.114	0.255	375.483	167.689	167.262	0.427
1993	29774	13348.134	13277.148	70.986	0.238	0.532	410.705	184.125	183.146	0.979
1994	29804	13404.876	13314.099	90.777	0.305	0.677	404.869	182.097	180.864	1.233
1995	29755	13407.404	13267.317	140.088	0.471	1.045	397.803	179.248	177.375	1.873
1996	30900	14056.435	13891.147	165.288	0.535	1.176	407.587	185.412	183.231	2.180
1997	31128	14163.848	13944.458	219.390	0.705	1.549	404.834	184.207	181.354	2.853
1998	32096	14738.220	14436.842	301.378	0.939	2.045	411.536	188.974	185.110	3.864
1999	34616	15867.376	15449.078	418.298	1.208	2.636	437.865	200.710	195.418	5.291
2000	34299	15766.470	15237.670	528.800	1.542	3.354	428.409	196.930	190.325	6.605
2001	34592	16091.193	15419.366	671.827	1.942	4.175	427.231	198.736	190.438	8.297
2002	34291	16120.902	15345.892	775.010	2.260	4.807	419.268	197.106	187.630	9.476
2003	35074	16455.810	15493.326	962.484	2.744	5.849	424.687	199.252	187.598	11.654
2004	33512	15694.580	14612.861	1081.719	3.228	6.892	401.564	188.063	175.101	12.962
2005	35392	16549.102	15229.450	1319.652	3.729	7.974	419.213	196.022	180.391	15.631
2006	33981	15926.096	14428.267	1497.829	4.408	9.405	398.807	186.912	169.333	17.579
2007	34000	15778.477	14143.072	1635.405	4.810	10.365	394.875	183.251	164.257	18.994
2008	37425	17438.838	15472.795	1966.043	5.253	11.274	429.749	200.249	177.673	22.576
2009	36826	17214.158	15023.912	2190.246	5.948	12.724	417.948	195.368	170.511	24.858

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	282558.470	14078.76	2.181	4.746	408.132	187.528	178.628	8.900

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA13
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 25, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 25, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA13

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000200	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000200	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000200	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000200	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000200	0.000200	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000200	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000200	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000200	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000200	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000200	0.000200	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 25, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 25, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2461.00	26.82	146.00	5.45			
5	All Ages	Current MRTP	132.00	1.44					
5	All Ages	Current Dual	86.00	0.94					
5	All Ages	Former	2597.00	28.30			15.50	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	5.00	1.62			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	9.00	2.38			
5	30-34	Current MRTP	16.00	1.49					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	234.00	27.24	11.00	4.38			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	300.00	34.92			13.74	10.00	3.33
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2259.00	24.10	244.00	9.01			
10	All Ages	Current MRTP	272.00	2.90					
10	All Ages	Current Dual	177.00	1.89					
10	All Ages	Former	2594.00	27.67			17.24	162.00	6.25

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	239.00	26.12	5.00	1.65			
10	25-29	Current MRTP	28.00	3.06					
10	25-29	Current Dual	36.00	3.93					
10	25-29	Former	59.00	6.45			4.93	16.00	27.12

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	12.00	3.77			
10	30-34	Current MRTP	44.00	4.59					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	141.00	14.72			8.04	13.00	9.22

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	20.00	5.57			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	27.00	8.52			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	207.00	24.10	29.00	12.08			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.13	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1978.00	22.16	305.00	12.00			
15	All Ages	Current MRTP	365.00	4.09					
15	All Ages	Current Dual	199.00	2.23					
15	All Ages	Former	2517.00	28.20			18.75	140.00	5.56
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	60.00	6.70					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	44.00	4.91			4.23	10.00	22.73
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	217.00	23.72	11.00	3.64			
15	30-34	Current MRTP	43.00	4.70					
15	30-34	Current Dual	42.00	4.59					
15	30-34	Former	88.00	9.62			6.66	16.00	18.18
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	226.00	23.59	22.00	7.26			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	165.00	17.22			10.68	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	15.00	1.40					
15	40-44	Former	262.00	24.39			12.64	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	257.00	23.73	40.00	13.16			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	301.00	27.79			14.76	11.00	3.65
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	181.00	21.07	38.00	17.04			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	328.00	38.18			20.16	18.00	5.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	109.00	20.80	28.00	21.54			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	239.00	45.61			22.49	10.00	4.18
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1638.00	19.44	351.00	15.46			

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	410.00	4.87					
20	All Ages	Current Dual	223.00	2.65					
20	All Ages	Former	2436.00	28.91			19.81	144.00	5.91
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	162.00	18.08	6.00	2.21			
20	30-34	Current MRTP	61.00	6.81					
20	30-34	Current Dual	48.00	5.36					
20	30-34	Former	78.00	8.71			5.99	15.00	19.23
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	188.00	20.55	13.00	4.58			
20	35-39	Current MRTP	54.00	5.90					
20	35-39	Current Dual	42.00	4.59					
20	35-39	Former	116.00	12.68			8.64	16.00	13.79
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	26.00	9.15			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	184.00	19.21			13.59	10.00	5.43
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	248.00	23.09	34.00	11.22			
20	45-49	Current MRTP	38.00	3.54					
20	45-49	Current Dual	17.00	1.58					
20	45-49	Former	283.00	26.35			15.67	15.00	5.30
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	217.00	20.04	50.00	17.86			
20	50-54	Current MRTP	48.00	4.43					
20	50-54	Current Dual	15.00	1.39					
20	50-54	Former	325.00	30.01			17.56	14.00	4.31
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	160.00	18.63	49.00	23.00			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	18.00	2.10					
20	60-64	Former	338.00	39.35			22.62	16.00	4.73

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	116.00	18.41	42.00	26.09			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	277.00	43.97			23.82	19.00	6.86

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	93.00	17.75	44.00	34.38			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	241.00	45.99			25.26	12.00	4.98

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.88	14.00	5.41

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122925.644	343.572	0.110	0.279	4656.77	1841.55	1836.42	5.133
1994	305700	120480.723	119964.697	516.027	0.169	0.428	4482.57	1766.64	1759.08	7.567
1995	303225	118666.569	117905.102	761.467	0.251	0.642	4361.58	1706.89	1695.94	10.953
1996	299559	116607.195	115642.319	964.876	0.322	0.827	4242.85	1651.58	1637.92	13.666
1997	294226	114665.051	113551.318	1113.734	0.379	0.971	4100.64	1598.09	1582.57	15.522
1998	289258	113038.380	111692.514	1345.866	0.465	1.191	3966.28	1549.97	1531.52	18.454
1999	311002	117067.463	115248.356	1819.107	0.585	1.554	4198.14	1580.27	1555.71	24.556
2000	303786	114977.407	112932.732	2044.675	0.673	1.778	4041.13	1529.49	1502.29	27.199
2001	296294	113047.319	110826.159	2221.160	0.750	1.965	3890.54	1484.39	1455.22	29.165
2002	291898	111744.742	109307.656	2437.086	0.835	2.181	3789.34	1450.64	1419.00	31.638
2003	285865	110551.854	107890.028	2661.826	0.931	2.408	3671.31	1419.80	1385.61	34.185
2004	274177	107418.262	104694.021	2724.240	0.994	2.536	3481.92	1364.16	1329.57	34.597
2005	272379	107678.770	104752.627	2926.143	1.074	2.717	3417.44	1351.01	1314.29	36.713
2006	264118	104357.806	101373.389	2984.417	1.130	2.860	3281.83	1296.71	1259.63	37.083
2007	258419	102690.449	99559.184	3131.266	1.212	3.049	3176.05	1262.10	1223.62	38.484
2008	259461	103492.166	99955.261	3536.906	1.363	3.418	3150.91	1256.82	1213.86	42.952
2009	253907	101384.044	97578.140	3805.903	1.499	3.754	3045.20	1215.94	1170.29	45.646

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237723.955	35519.72	0.611	1.563	3927.78	1535.76	1511.76	23.996

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.677	66.434	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.036	102.768	0.133	0.166	1135.48	906.276	904.769	1.507
1995	76904	61145.799	60991.814	153.985	0.200	0.252	1106.18	879.519	877.304	2.215
1996	76232	60385.323	60191.269	194.053	0.255	0.321	1079.72	855.277	852.529	2.749
1997	75473	59549.806	59338.379	211.426	0.280	0.355	1051.87	829.947	827.000	2.947
1998	75381	59292.315	58999.338	292.976	0.389	0.494	1033.62	813.010	808.993	4.017
1999	73159	57398.351	57035.338	363.014	0.496	0.632	987.557	774.807	769.907	4.900
2000	73784	57716.549	57268.973	447.575	0.607	0.775	981.515	767.777	761.823	5.954
2001	73294	57211.877	56708.956	502.921	0.686	0.879	962.399	751.230	744.626	6.604
2002	72442	56438.810	55883.203	555.607	0.767	0.984	940.422	732.673	725.461	7.213
2003	71942	55948.341	55362.614	585.727	0.814	1.047	923.937	718.533	711.011	7.522
2004	71301	55339.218	54722.021	617.197	0.866	1.115	905.490	702.783	694.945	7.838
2005	70964	54964.459	54318.242	646.218	0.911	1.176	890.360	689.620	681.512	8.108
2006	69658	53781.526	53134.985	646.541	0.928	1.202	865.543	668.268	660.235	8.034
2007	68565	52784.985	52110.769	674.216	0.983	1.277	842.687	648.745	640.459	8.286
2008	68226	52470.692	51686.383	784.309	1.150	1.495	828.542	637.208	627.683	9.525
2009	67509	51823.021	50968.310	854.711	1.266	1.649	809.661	621.533	611.283	10.251

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152248.759	7739.770	0.524	0.667	997.213	783.665	778.436	5.229

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35250.419	209.381	0.127	0.590	2455.45	529.744	526.616	3.128
1994	159866	34293.631	33990.347	303.284	0.190	0.884	2344.16	502.857	498.410	4.447
1995	158083	33531.695	33093.056	438.638	0.277	1.308	2273.86	482.318	476.009	6.309
1996	154875	32438.163	31886.684	551.479	0.356	1.700	2193.60	459.443	451.632	7.811
1997	149970	31179.663	30534.431	645.232	0.430	2.069	2090.14	434.552	425.559	8.993
1998	145407	29860.736	29137.596	723.141	0.497	2.422	1993.81	409.447	399.532	9.916
1999	165952	34413.904	33396.494	1017.410	0.613	2.956	2240.15	464.545	450.812	13.734
2000	160260	33265.290	32170.697	1094.593	0.683	3.290	2131.87	442.513	427.952	14.561
2001	154444	32074.102	30903.212	1170.890	0.758	3.651	2027.95	421.154	405.780	15.375
2002	151887	31817.956	30539.841	1278.116	0.841	4.017	1971.76	413.052	396.460	16.592
2003	146733	31025.931	29591.648	1434.284	0.977	4.623	1884.46	398.460	380.040	18.420
2004	138381	29503.602	28031.922	1471.680	1.063	4.988	1757.38	374.682	355.993	18.690
2005	135881	29077.894	27493.829	1584.065	1.166	5.448	1704.85	364.830	344.955	19.875
2006	131922	28385.448	26717.806	1667.642	1.264	5.875	1639.21	352.707	331.985	20.721
2007	126502	27327.625	25579.100	1748.525	1.382	6.398	1554.75	335.866	314.376	21.490
2008	125859	27025.472	25122.431	1903.041	1.512	7.042	1528.44	328.199	305.089	23.111
2009	122428	26361.626	24312.462	2049.164	1.674	7.773	1468.33	316.165	291.589	24.576

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	618956.894	19399.78	0.647	3.039	2024.64	431.261	418.155	13.106

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 25 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.008	35.128	0.107	0.796	491.442	65.944	65.419	0.525
1994	33323	4474.895	4419.988	54.907	0.165	1.227	488.625	65.617	64.812	0.805
1995	33569	4476.290	4393.535	82.756	0.247	1.849	482.855	64.387	63.196	1.190
1996	33870	4489.078	4378.421	110.657	0.327	2.465	479.723	63.582	62.014	1.567
1997	33516	4444.866	4305.132	139.734	0.417	3.144	467.113	61.948	60.001	1.947
1998	32795	4313.427	4170.992	142.435	0.434	3.302	449.682	59.145	57.192	1.953
1999	33375	4232.739	4065.899	166.840	0.500	3.942	450.521	57.137	54.885	2.252
2000	33459	4307.577	4132.397	175.180	0.524	4.067	445.090	57.302	54.971	2.330
2001	32275	4136.308	3962.458	173.850	0.539	4.203	423.792	54.312	52.030	2.283
2002	31586	4079.175	3899.360	179.815	0.569	4.408	410.041	52.955	50.620	2.334
2003	30985	4096.221	3877.310	218.911	0.707	5.344	397.934	52.607	49.796	2.811
2004	29884	4034.217	3810.304	223.913	0.749	5.550	379.513	51.233	48.389	2.844
2005	28708	3944.303	3710.858	233.444	0.813	5.919	360.189	49.488	46.559	2.929
2006	28188	3970.169	3714.277	255.892	0.908	6.445	350.253	49.332	46.152	3.180
2007	28026	3957.558	3676.618	280.940	1.002	7.099	344.449	48.640	45.187	3.453
2008	27128	3812.302	3529.948	282.353	1.041	7.406	329.444	46.297	42.868	3.429
2009	27068	3827.467	3506.632	320.835	1.185	8.382	324.637	45.904	42.056	3.848

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81366.021	3091.483	0.492	3.660	424.421	57.058	54.969	2.089

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.540	32.629	0.091	0.159	536.514	306.437	305.949	0.487
1994	35074	19906.392	19851.325	55.067	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.696	86.088	0.248	0.441	498.677	280.671	279.433	1.238
1996	34582	19294.631	19185.945	108.686	0.314	0.563	489.808	273.283	271.743	1.539
1997	35267	19490.717	19373.376	117.341	0.333	0.602	491.517	271.643	270.007	1.635
1998	35675	19571.902	19384.588	187.314	0.525	0.957	489.172	268.368	265.799	2.568
1999	38516	21022.469	20750.625	271.844	0.706	1.293	519.919	283.777	280.108	3.670
2000	36283	19687.992	19360.665	327.327	0.902	1.663	482.656	261.900	257.546	4.354
2001	36281	19625.032	19251.533	373.499	1.029	1.903	476.394	257.690	252.785	4.904
2002	35983	19408.801	18985.252	423.549	1.177	2.182	467.122	251.960	246.461	5.498
2003	36205	19481.360	19058.456	422.904	1.168	2.171	464.974	250.195	244.764	5.431
2004	34611	18541.224	18129.774	411.450	1.189	2.219	439.544	235.465	230.240	5.225
2005	36826	19692.114	19229.698	462.416	1.256	2.348	462.043	247.070	241.268	5.802
2006	34350	18220.663	17806.321	414.342	1.206	2.274	426.820	226.403	221.254	5.148
2007	35326	18620.282	18192.697	427.585	1.210	2.296	434.168	228.849	223.594	5.255
2008	38248	20183.701	19616.498	567.202	1.483	2.810	464.487	245.112	238.224	6.888
2009	36902	19371.930	18790.737	581.193	1.575	3.000	442.580	232.335	225.365	6.970

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385152.281	5288.692	0.742	1.355	481.512	263.774	260.201	3.573

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA13
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 26, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 26, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA13

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000200	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000200	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000200	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000200	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000200	0.000200	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000200	0.000200	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000200	0.000200	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000200	0.000200	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000200	0.000200	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000200	0.000200	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000200	0.000200	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000200	0.000200	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 26, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 26, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	117.00	5.31			
5	All Ages	Current MRTP	114.00	1.26					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1990.00	21.92			14.75	110.00	5.53

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.16			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	28.00	3.32			2.93	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	10.00	4.33			
5	25-29	Current MRTP	17.00	2.05					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	137.00	16.49			5.44	12.00	8.76
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	160.00	29.85			21.33	7.00	4.38
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1853.00	20.34	188.00	8.54			
10	All Ages	Current MRTP	230.00	2.52					
10	All Ages	Current Dual	118.00	1.30					
10	All Ages	Former	2010.00	22.07			16.22	110.00	5.47

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	29.00	3.57					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	18.00	2.21			2.50	6.00	33.33

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.86			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	52.00	6.16			4.96	12.00	23.08

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	186.00	22.38	15.00	6.55			
10	30-34	Current MRTP	27.00	3.25					
10	30-34	Current Dual	16.00	1.93					
10	30-34	Former	161.00	19.37			8.84	11.00	6.83

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	263.00	23.44	18.00	6.27			
10	40-44	Current MRTP	18.00	1.60					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.86			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	214.00	26.39			14.70	9.00	4.21
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	14.00	2.61					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	174.00	32.46			23.39	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1558.00	18.18	237.00	11.81			
15	All Ages	Current MRTP	291.00	3.40					
15	All Ages	Current Dual	158.00	1.84					
15	All Ages	Former	2040.00	23.80			17.31	130.00	6.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	2.00	0.87			
15	25-29	Current MRTP	47.00	5.78					
15	25-29	Current Dual	39.00	4.80					
15	25-29	Former	37.00	4.55			3.95	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.28			
15	30-34	Current MRTP	55.00	6.52					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	80.00	9.48			6.70	15.00	18.75
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	159.00	19.13	24.00	11.54			
15	35-39	Current MRTP	32.00	3.85					
15	35-39	Current Dual	17.00	2.05					
15	35-39	Former	189.00	22.74			11.62	12.00	6.35
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.45			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	23.00	2.30					
15	40-44	Former	216.00	21.62			14.19	9.00	4.17
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	228.00	20.32	25.00	9.29			
15	45-49	Current MRTP	30.00	2.67					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	292.00	26.02			14.87	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	153.00	15.77	28.00	15.14			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	288.00	29.69			17.96	13.00	4.51
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	25.00	15.72			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	230.00	28.36			17.60	12.00	5.22
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	185.00	34.51			24.64	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1306.00	16.26	260.00	14.66			

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	308.00	3.83					
20	All Ages	Current Dual	159.00	1.98					
20	All Ages	Former	2035.00	25.33			18.84	121.00	5.95
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	139.00	17.10	4.00	1.75			
20	30-34	Current MRTP	51.00	6.27					
20	30-34	Current Dual	38.00	4.67					
20	30-34	Former	64.00	7.87			5.67	13.00	20.31
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	160.00	18.96	10.00	3.97			
20	35-39	Current MRTP	59.00	6.99					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	114.00	13.51			8.41	18.00	15.79
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	138.00	16.61	27.00	14.44			
20	40-44	Current MRTP	34.00	4.09					
20	40-44	Current Dual	15.00	1.81					
20	40-44	Former	210.00	25.27			14.84	6.00	2.86
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	200.00	20.02	37.00	14.68			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	23.00	2.30					
20	45-49	Former	237.00	23.72			16.90	8.00	3.38
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	201.00	17.91	33.00	13.31			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	313.00	27.90			17.77	16.00	5.11
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	35.00	20.96			
20	55-59	Current MRTP	28.00	2.89					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	306.00	31.55			20.68	14.00	4.58
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.50			
20	60-64	Current MRTP	28.00	3.45					

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	238.00	29.35			20.61	11.00	4.62

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	29.00	28.71			
20	70-74	Current MRTP	14.00	2.62					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	182.00	34.02			23.88	12.00	6.59

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62279.201	53.119	0.026	0.085	2793.47	859.818	859.085	0.733
1994	200658	62691.239	62617.612	73.627	0.037	0.117	2725.82	851.622	850.622	1.000
1995	201023	63132.954	63012.833	120.122	0.060	0.190	2687.54	844.043	842.437	1.606
1996	201180	64309.880	64220.546	89.334	0.044	0.139	2653.67	848.280	847.102	1.178
1997	198639	64547.894	64419.063	128.830	0.065	0.200	2583.39	839.475	837.799	1.675
1998	197573	65384.866	65131.788	253.078	0.128	0.387	2533.29	838.367	835.122	3.245
1999	211329	67554.762	67152.602	402.160	0.190	0.595	2673.14	854.513	849.426	5.087
2000	208496	68184.366	67665.315	519.051	0.249	0.761	2604.20	851.652	845.169	6.483
2001	203606	68286.060	67618.151	667.909	0.328	0.978	2514.65	843.372	835.123	8.249
2002	200828	68983.996	68241.370	742.626	0.370	1.077	2455.47	843.450	834.370	9.080
2003	196352	68717.830	67746.399	971.431	0.495	1.414	2377.49	832.057	820.295	11.762
2004	188160	67344.952	66052.635	1292.317	0.687	1.919	2254.66	806.974	791.488	15.485
2005	186416	67846.650	66331.382	1515.268	0.813	2.233	2208.07	803.634	785.686	17.948
2006	180088	66622.465	64652.830	1969.635	1.094	2.956	2113.55	781.893	758.777	23.116
2007	175644	65977.201	63665.265	2311.936	1.316	3.504	2039.92	766.256	739.406	26.851
2008	177570	67121.344	64607.685	2513.658	1.416	3.745	2039.03	770.751	741.887	28.864
2009	172806	66622.993	63753.545	2869.448	1.661	4.307	1961.22	756.123	723.557	32.566

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285799.954	16516.41	0.423	1.268	2465.77	823.300	812.859	10.441

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.224	10.512	0.023	0.031	638.542	461.657	461.512	0.145
1994	47017	33989.389	33977.707	11.682	0.025	0.034	638.697	461.725	461.566	0.159
1995	47840	34566.580	34544.589	21.991	0.046	0.064	639.587	462.131	461.837	0.294
1996	48244	34997.958	34994.331	3.627	0.008	0.010	636.363	461.641	461.593	0.048
1997	49035	35549.658	35534.562	15.096	0.031	0.042	637.723	462.340	462.143	0.196
1998	49686	36138.033	36091.892	46.141	0.093	0.128	637.076	463.363	462.771	0.592
1999	48883	35506.142	35437.764	68.378	0.140	0.193	618.331	449.124	448.259	0.865
2000	50331	36573.306	36467.878	105.429	0.209	0.288	628.656	456.816	455.499	1.317
2001	50389	36733.445	36591.860	141.585	0.281	0.385	622.333	453.679	451.931	1.749
2002	51445	37627.700	37456.959	170.741	0.332	0.454	629.005	460.065	457.977	2.088
2003	51408	37552.784	37305.667	247.117	0.481	0.658	622.464	454.701	451.709	2.992
2004	51399	37527.823	37175.858	351.966	0.685	0.938	615.898	449.684	445.467	4.217
2005	51421	37486.186	37075.960	410.226	0.798	1.094	609.074	444.018	439.159	4.859
2006	51355	37409.496	36828.115	581.381	1.132	1.554	602.712	439.045	432.222	6.823
2007	51839	37602.867	36894.124	708.743	1.367	1.885	602.056	436.718	428.487	8.231
2008	50976	36986.957	36242.290	744.666	1.461	2.013	585.355	424.719	416.168	8.551
2009	51193	37201.944	36309.333	892.611	1.744	2.399	581.003	422.215	412.085	10.130

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707365.311	4539.528	0.463	0.638	619.890	450.053	447.183	2.870

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.264	28.670	0.031	0.231	1292.22	171.073	170.678	0.395
1994	90832	12128.576	12082.566	46.010	0.051	0.379	1233.90	164.759	164.134	0.625
1995	89698	11958.696	11892.748	65.948	0.074	0.551	1199.20	159.879	158.998	0.882
1996	88286	12020.749	11944.970	75.779	0.086	0.630	1164.54	158.560	157.560	1.000
1997	84777	11593.724	11496.267	97.457	0.115	0.841	1102.56	150.782	149.514	1.267
1998	82517	11337.035	11186.297	150.738	0.183	1.330	1058.04	145.364	143.431	1.933
1999	93939	13027.458	12778.744	248.714	0.265	1.909	1188.25	164.787	161.641	3.146
2000	90039	12607.547	12328.606	278.942	0.310	2.212	1124.63	157.474	153.990	3.484
2001	86119	12350.451	11992.112	358.339	0.416	2.901	1063.62	152.535	148.110	4.426
2002	83014	12112.097	11717.503	394.594	0.475	3.258	1014.99	148.092	143.267	4.825
2003	79302	11683.252	11222.553	460.699	0.581	3.943	960.214	141.465	135.886	5.578
2004	73861	11139.095	10567.338	571.757	0.774	5.133	885.053	133.476	126.625	6.851
2005	71649	10884.683	10237.971	646.712	0.903	5.941	848.672	128.927	121.267	7.660
2006	67551	10397.565	9633.056	764.509	1.132	7.353	792.791	122.028	113.055	8.972
2007	63503	9785.831	8920.749	865.082	1.362	8.840	737.521	113.652	103.605	10.047
2008	63171	9922.524	8987.190	935.334	1.481	9.426	725.389	113.940	103.199	10.740
2009	59747	9483.598	8477.484	1006.114	1.684	10.609	678.085	107.632	96.213	11.419

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225480.465	7002.084	0.424	3.012	1043.56	146.971	142.545	4.427

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 26 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.442	8.074	0.025	0.259	452.005	42.962	42.851	0.111
1994	33005	3168.398	3155.299	13.099	0.040	0.413	448.353	43.041	42.863	0.178
1995	33730	3200.274	3179.280	20.994	0.062	0.656	450.946	42.785	42.505	0.281
1996	33750	3234.738	3208.607	26.131	0.077	0.808	445.180	42.668	42.323	0.345
1997	33699	3240.665	3214.177	26.488	0.079	0.817	438.271	42.146	41.802	0.344
1998	33274	3171.578	3127.485	44.092	0.133	1.390	426.640	40.666	40.101	0.565
1999	33891	3153.786	3086.092	67.694	0.200	2.146	428.694	39.893	39.037	0.856
2000	33827	3237.043	3149.327	87.716	0.259	2.710	422.514	40.432	39.336	1.096
2001	32506	3110.972	3001.165	109.806	0.338	3.530	401.468	38.422	37.066	1.356
2002	32078	3123.298	2996.912	126.385	0.394	4.047	392.210	38.188	36.643	1.545
2003	30568	3025.984	2881.051	144.932	0.474	4.790	370.127	36.640	34.885	1.755
2004	29388	2983.453	2797.444	186.010	0.633	6.235	352.147	35.750	33.521	2.229
2005	27954	2926.679	2715.627	211.052	0.755	7.211	331.111	34.666	32.166	2.500
2006	27201	2889.308	2642.050	247.258	0.909	8.558	319.236	33.909	31.008	2.902
2007	26302	2810.025	2525.739	284.286	1.081	10.117	305.470	32.636	29.334	3.302
2008	25998	2773.025	2475.466	297.559	1.145	10.730	298.534	31.843	28.426	3.417
2009	25040	2723.293	2394.604	328.689	1.313	12.070	284.186	30.907	27.177	3.730

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59059.418	2232.325	0.358	3.642	394.195	38.747	37.336	1.411

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.271	5.863	0.020	0.044	410.705	184.125	184.044	0.081
1994	29804	13404.876	13402.040	2.836	0.010	0.021	404.869	182.097	182.059	0.039
1995	29755	13407.404	13396.216	11.188	0.038	0.083	397.803	179.248	179.098	0.150
1996	30900	14056.435	14072.638	-16.203	-0.052	-0.115	407.587	185.412	185.625	-0.214
1997	31128	14163.848	14174.057	-10.209	-0.033	-0.072	404.834	184.207	184.340	-0.133
1998	32096	14738.220	14726.114	12.106	0.038	0.082	411.536	188.974	188.819	0.155
1999	34616	15867.376	15850.002	17.374	0.050	0.109	437.865	200.710	200.490	0.220
2000	34299	15766.470	15719.505	46.964	0.137	0.298	428.409	196.930	196.343	0.587
2001	34592	16091.193	16033.013	58.180	0.168	0.362	427.231	198.736	198.017	0.719
2002	34291	16120.902	16069.995	50.906	0.148	0.316	419.268	197.106	196.484	0.622
2003	35074	16455.810	16337.127	118.683	0.338	0.721	424.687	199.252	197.815	1.437
2004	33512	15694.580	15511.996	182.584	0.545	1.163	401.564	188.063	185.875	2.188
2005	35392	16549.102	16301.823	247.279	0.699	1.494	419.213	196.022	193.093	2.929
2006	33981	15926.096	15549.610	376.487	1.108	2.364	398.807	186.912	182.493	4.419
2007	34000	15778.477	15324.653	453.824	1.335	2.876	394.875	183.251	177.980	5.271
2008	37425	17438.838	16902.739	536.099	1.432	3.074	429.749	200.249	194.093	6.156
2009	36826	17214.158	16572.124	642.033	1.743	3.730	417.948	195.368	188.082	7.287

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293894.761	2742.472	0.425	0.925	408.132	187.528	185.795	1.734

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA14
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 27, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 27, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA14

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.002000	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.002000	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.002000	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.002000	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.002000	0.002000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.002000	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.002000	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.002000	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.002000	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.002000	0.002000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 27, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 27, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2468.00	26.89	145.00	5.41			
5	All Ages	Current MRTP	123.00	1.34					
5	All Ages	Current Dual	90.00	0.98					
5	All Ages	Former	2595.00	28.28			15.51	146.00	5.63

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	5.00	1.62			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	9.00	0.94					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	9.00	2.39			
5	30-34	Current MRTP	13.00	1.21					
5	30-34	Current Dual	11.00	1.02					
5	30-34	Former	204.00	18.99			6.35	25.00	12.25
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	337.00	31.12	13.00	3.70			
5	35-39	Current MRTP	8.00	0.74					
5	35-39	Current Dual	6.00	0.55					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	284.00	29.19	14.00	4.73			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	271.00	27.85			12.27	9.00	3.32
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	298.00	34.69			13.82	9.00	3.02
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	195.00	30.95	13.00	6.28			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	231.00	36.67			17.62	6.00	2.60
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	141.00	26.91	12.00	8.05			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.89	13.00	5.91
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.50			
5	60-64	Current MRTP	9.00	1.75					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	246.00	47.77			18.94	6.00	2.44
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	10.00	2.23					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2273.00	24.25	238.00	8.81			
10	All Ages	Current MRTP	241.00	2.57					
10	All Ages	Current Dual	186.00	1.98					
10	All Ages	Former	2602.00	27.75			17.18	169.00	6.50

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	34.00	3.79					
10	20-24	Current Dual	44.00	4.91					
10	20-24	Former	22.00	2.46			2.00	9.00	40.91

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	5.00	1.66			
10	25-29	Current MRTP	26.00	2.84					
10	25-29	Current Dual	36.00	3.93					
10	25-29	Former	60.00	6.56			4.85	17.00	28.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	251.00	26.20	11.00	3.47			
10	30-34	Current MRTP	38.00	3.97					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	142.00	14.82			7.93	16.00	11.27

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	318.00	29.61	22.00	6.13			
10	35-39	Current MRTP	26.00	2.42					
10	35-39	Current Dual	15.00	1.40					
10	35-39	Former	227.00	21.14			9.98	13.00	5.73

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	286.00	26.41	26.00	8.23			
10	40-44	Current MRTP	20.00	1.85					
10	40-44	Current Dual	10.00	0.92					
10	40-44	Former	289.00	26.69			10.89	22.00	7.61

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	257.00	26.41	22.00	7.86			
10	45-49	Current MRTP	16.00	1.64					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	13.00	4.53

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	209.00	24.33	28.00	11.67			
10	50-54	Current MRTP	19.00	2.21					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.09	9.00	2.89
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	163.00	25.87	25.00	13.37			
10	55-59	Current MRTP	18.00	2.86					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	251.00	39.84			20.03	12.00	4.78
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	121.00	23.09	17.00	12.78			
10	60-64	Current MRTP	5.00	0.95					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.51	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	100.00	19.42	23.00	19.17			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.74	14.00	5.51
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	103.00	20.60	33.00	27.05			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	6.00	1.20					
10	70-74	Former	258.00	51.60			24.45	17.00	6.59
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	26.00	33.77			
10	75-79	Current MRTP	11.00	2.46					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	265.00	59.15			24.60	14.00	5.28
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2007.00	22.48	313.00	12.29			
15	All Ages	Current MRTP	331.00	3.71					
15	All Ages	Current Dual	209.00	2.34					
15	All Ages	Former	2512.00	28.14			18.78	135.00	5.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	176.00	19.64	2.00	0.70			
15	25-29	Current MRTP	54.00	6.03					
15	25-29	Current Dual	55.00	6.14					
15	25-29	Former	46.00	5.13			4.22	11.00	23.91
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	219.00	23.93	11.00	3.68			
15	30-34	Current MRTP	38.00	4.15					
15	30-34	Current Dual	42.00	4.59					
15	30-34	Former	91.00	9.95			6.59	15.00	16.48
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	229.00	23.90	22.00	7.26			
15	35-39	Current MRTP	42.00	4.38					
15	35-39	Current Dual	32.00	3.34					
15	35-39	Former	165.00	17.22			10.65	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	277.00	25.79	29.00	8.87			
15	40-44	Current MRTP	33.00	3.07					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	259.00	24.12			12.75	15.00	5.79
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	260.00	24.01	39.00	12.87			
15	45-49	Current MRTP	31.00	2.86					
15	45-49	Current Dual	12.00	1.11					
15	45-49	Former	302.00	27.89			14.74	11.00	3.64
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	218.00	22.40	28.00	11.11			
15	50-54	Current MRTP	26.00	2.67					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	315.00	32.37			18.51	12.00	3.81
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	184.00	21.42	37.00	16.59			
15	55-59	Current MRTP	27.00	3.14					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	328.00	38.18			20.12	19.00	5.79
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	151.00	23.97	34.00	18.68			
15	60-64	Current MRTP	26.00	4.13					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	256.00	40.63			22.84	10.00	3.91
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	112.00	21.37	30.00	22.56			
15	65-69	Current MRTP	12.00	2.29					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	236.00	45.04			22.76	8.00	3.39
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	89.00	17.28	38.00	30.89			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	11.00	2.14					
15	70-74	Former	251.00	48.74			25.22	6.00	2.39
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	92.00	18.40	43.00	36.75			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	263.00	52.60			26.21	12.00	4.56
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1675.00	19.88	363.00	15.94			

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	363.00	4.31					
20	All Ages	Current Dual	239.00	2.84					
20	All Ages	Former	2430.00	28.84			19.85	139.00	5.72
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	163.00	18.19	5.00	1.87			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	52.00	5.80					
20	30-34	Former	81.00	9.04			6.04	15.00	18.52
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	194.00	21.20	14.00	4.91			
20	35-39	Current MRTP	49.00	5.36					
20	35-39	Current Dual	42.00	4.59					
20	35-39	Former	115.00	12.57			8.83	15.00	13.04
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	203.00	21.19	26.00	9.22			
20	40-44	Current MRTP	44.00	4.59					
20	40-44	Current Dual	35.00	3.65					
20	40-44	Former	186.00	19.42			13.46	10.00	5.38
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	254.00	23.65	39.00	12.62			
20	45-49	Current MRTP	34.00	3.17					
20	45-49	Current Dual	21.00	1.96					
20	45-49	Former	277.00	25.79			15.90	14.00	5.05
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	220.00	20.31	49.00	17.63			
20	50-54	Current MRTP	42.00	3.88					
20	50-54	Current Dual	16.00	1.48					
20	50-54	Former	327.00	30.19			17.51	13.00	3.98
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	189.00	19.42	38.00	16.31			
20	55-59	Current MRTP	29.00	2.98					
20	55-59	Current Dual	15.00	1.54					
20	55-59	Former	334.00	34.33			21.23	14.00	4.19
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	164.00	19.09	50.00	23.36			
20	60-64	Current MRTP	31.00	3.61					

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	19.00	2.21					
20	60-64	Former	337.00	39.23			22.62	15.00	4.45

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	120.00	19.05	43.00	26.71			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	277.00	43.97			23.89	18.00	6.50

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	96.00	18.32	46.00	35.11			
20	70-74	Current MRTP	22.00	4.20					
20	70-74	Current Dual	13.00	2.48					
20	70-74	Former	238.00	45.42			25.50	12.00	5.04

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	72.00	13.98	53.00	45.69			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	258.00	50.10			25.98	13.00	5.04

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122932.558	336.658	0.108	0.273	4656.77	1841.55	1836.52	5.029
1994	305700	120480.723	119979.539	501.184	0.164	0.416	4482.57	1766.64	1759.29	7.349
1995	303225	118666.569	117935.783	730.786	0.241	0.616	4361.58	1706.89	1696.38	10.512
1996	299559	116607.195	115690.063	917.132	0.306	0.787	4242.85	1651.58	1638.59	12.990
1997	294226	114665.051	113610.625	1054.427	0.358	0.920	4100.64	1598.09	1583.39	14.696
1998	289258	113038.380	111766.973	1271.407	0.440	1.125	3966.28	1549.97	1532.54	17.433
1999	311002	117067.463	115345.535	1721.927	0.554	1.471	4198.14	1580.27	1557.02	23.244
2000	303786	114977.407	113049.153	1928.254	0.635	1.677	4041.13	1529.49	1503.84	25.651
2001	296294	113047.319	110952.951	2094.368	0.707	1.853	3890.54	1484.39	1456.89	27.500
2002	291898	111744.742	109452.310	2292.432	0.785	2.051	3789.34	1450.64	1420.88	29.760
2003	285865	110551.854	108058.971	2492.883	0.872	2.255	3671.31	1419.80	1387.78	32.016
2004	274177	107418.262	104904.939	2513.323	0.917	2.340	3481.92	1364.16	1332.24	31.918
2005	272379	107678.770	105005.603	2673.167	0.981	2.483	3417.44	1351.01	1317.47	33.539
2006	264118	104357.806	101620.551	2737.255	1.036	2.623	3281.83	1296.71	1262.70	34.012
2007	258419	102690.449	99837.749	2852.700	1.104	2.778	3176.05	1262.10	1227.04	35.061
2008	259461	103492.166	100265.686	3226.480	1.244	3.118	3150.91	1256.82	1217.63	39.183
2009	253907	101384.044	97926.468	3457.576	1.362	3.410	3045.20	1215.94	1174.47	41.468

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2240260.268	32983.41	0.567	1.451	3927.78	1535.76	1513.48	22.283

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62817.857	65.254	0.083	0.104	1173.36	939.428	938.453	0.975
1994	77437	61805.804	61705.809	99.995	0.129	0.162	1135.48	906.276	904.810	1.466
1995	76904	61145.799	60996.483	149.316	0.194	0.244	1106.18	879.519	877.371	2.148
1996	76232	60385.323	60199.003	186.320	0.244	0.309	1079.72	855.277	852.638	2.639
1997	75473	59549.806	59349.003	200.803	0.266	0.337	1051.87	829.947	827.149	2.799
1998	75381	59292.315	59013.839	278.475	0.369	0.470	1033.62	813.010	809.192	3.818
1999	73159	57398.351	57051.563	346.788	0.474	0.604	987.557	774.807	770.126	4.681
2000	73784	57716.549	57288.347	428.201	0.580	0.742	981.515	767.777	762.081	5.696
2001	73294	57211.877	56734.318	477.559	0.652	0.835	962.399	751.230	744.959	6.271
2002	72442	56438.810	55911.609	527.201	0.728	0.934	940.422	732.673	725.829	6.844
2003	71942	55948.341	55398.608	549.733	0.764	0.983	923.937	718.533	711.473	7.060
2004	71301	55339.218	54772.234	566.984	0.795	1.025	905.490	702.783	695.582	7.200
2005	70964	54964.459	54377.864	586.595	0.827	1.067	890.360	689.620	682.260	7.360
2006	69658	53781.526	53191.692	589.834	0.847	1.097	865.543	668.268	660.939	7.329
2007	68565	52784.985	52175.225	609.760	0.889	1.155	842.687	648.745	641.251	7.494
2008	68226	52470.692	51757.157	713.535	1.046	1.360	828.542	637.208	628.543	8.665
2009	67509	51823.021	51047.164	775.857	1.149	1.497	809.661	621.533	612.228	9.305

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152796.227	7192.301	0.487	0.620	997.213	783.665	778.806	4.859

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35254.999	204.801	0.125	0.578	2455.45	529.744	526.684	3.060
1994	159866	34293.631	33999.374	294.258	0.184	0.858	2344.16	502.857	498.543	4.315
1995	158083	33531.695	33113.871	417.824	0.264	1.246	2273.86	482.318	476.309	6.010
1996	154875	32438.163	31917.144	521.019	0.336	1.606	2193.60	459.443	452.063	7.380
1997	149970	31179.663	30570.537	609.125	0.406	1.954	2090.14	434.552	426.062	8.489
1998	145407	29860.736	29180.786	679.951	0.468	2.277	1993.81	409.447	400.124	9.323
1999	165952	34413.904	33457.046	956.859	0.577	2.780	2240.15	464.545	451.629	12.916
2000	160260	33265.290	32244.226	1021.065	0.637	3.069	2131.87	442.513	428.930	13.583
2001	154444	32074.102	30975.752	1098.350	0.711	3.424	2027.95	421.154	406.732	14.422
2002	151887	31817.956	30623.366	1194.590	0.786	3.754	1971.76	413.052	397.544	15.508
2003	146733	31025.931	29684.527	1341.404	0.914	4.323	1884.46	398.460	381.233	17.227
2004	138381	29503.602	28142.131	1361.471	0.984	4.615	1757.38	374.682	357.392	17.290
2005	135881	29077.894	27625.048	1452.846	1.069	4.996	1704.85	364.830	346.602	18.228
2006	131922	28385.448	26851.835	1533.612	1.163	5.403	1639.21	352.707	333.650	19.056
2007	126502	27327.625	25727.033	1600.592	1.265	5.857	1554.75	335.866	316.194	19.672
2008	125859	27025.472	25286.101	1739.371	1.382	6.436	1528.44	328.199	307.076	21.123
2009	122428	26361.626	24499.246	1862.380	1.521	7.065	1468.33	316.165	293.829	22.336

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	620357.940	17998.73	0.601	2.820	2024.64	431.261	419.101	12.160

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 27 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.628	34.508	0.105	0.782	491.442	65.944	65.428	0.516
1994	33323	4474.895	4421.590	53.306	0.160	1.191	488.625	65.617	64.835	0.782
1995	33569	4476.290	4396.502	79.788	0.238	1.782	482.855	64.387	63.239	1.148
1996	33870	4489.078	4383.657	105.422	0.311	2.348	479.723	63.582	62.089	1.493
1997	33516	4444.866	4310.950	133.917	0.400	3.013	467.113	61.948	60.082	1.866
1998	32795	4313.427	4178.464	134.963	0.412	3.129	449.682	59.145	57.295	1.851
1999	33375	4232.739	4075.685	157.054	0.471	3.710	450.521	57.137	55.017	2.120
2000	33459	4307.577	4144.727	162.850	0.487	3.781	445.090	57.302	55.135	2.166
2001	32275	4136.308	3973.889	162.420	0.503	3.927	423.792	54.312	52.180	2.133
2002	31586	4079.175	3912.916	166.259	0.526	4.076	410.041	52.955	50.796	2.158
2003	30985	4096.221	3891.832	204.389	0.660	4.990	397.934	52.607	49.982	2.625
2004	29884	4034.217	3826.086	208.131	0.696	5.159	379.513	51.233	48.590	2.643
2005	28708	3944.303	3729.547	214.755	0.748	5.445	360.189	49.488	46.793	2.694
2006	28188	3970.169	3734.999	235.170	0.834	5.923	350.253	49.332	46.410	2.922
2007	28026	3957.558	3700.906	256.652	0.916	6.485	344.449	48.640	45.485	3.154
2008	27128	3812.302	3556.880	255.422	0.942	6.700	329.444	46.297	43.195	3.102
2009	27068	3827.467	3539.431	288.036	1.064	7.525	324.637	45.904	42.450	3.455

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81590.572	2866.931	0.456	3.395	424.421	57.058	55.121	1.937

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20480.074	32.095	0.089	0.156	536.514	306.437	305.957	0.479
1994	35074	19906.392	19852.766	53.626	0.153	0.269	514.300	291.893	291.107	0.786
1995	34669	19512.784	19428.926	83.858	0.242	0.430	498.677	280.671	279.465	1.206
1996	34582	19294.631	19190.260	104.371	0.302	0.541	489.808	273.283	271.804	1.478
1997	35267	19490.717	19380.135	110.581	0.314	0.567	491.517	271.643	270.101	1.541
1998	35675	19571.902	19393.883	178.019	0.499	0.910	489.172	268.368	265.927	2.441
1999	38516	21022.469	20761.242	261.227	0.678	1.243	519.919	283.777	280.251	3.526
2000	36283	19687.992	19371.853	316.138	0.871	1.606	482.656	261.900	257.695	4.205
2001	36281	19625.032	19268.993	356.038	0.981	1.814	476.394	257.690	253.015	4.675
2002	35983	19408.801	19004.418	404.382	1.124	2.083	467.122	251.960	246.710	5.250
2003	36205	19481.360	19084.004	397.356	1.098	2.040	464.974	250.195	245.092	5.103
2004	34611	18541.224	18164.487	376.737	1.088	2.032	439.544	235.465	230.681	4.784
2005	36826	19692.114	19273.144	418.970	1.138	2.128	462.043	247.070	241.813	5.257
2006	34350	18220.663	17842.025	378.638	1.102	2.078	426.820	226.403	221.698	4.705
2007	35326	18620.282	18234.586	385.696	1.092	2.071	434.168	228.849	224.109	4.740
2008	38248	20183.701	19665.549	518.152	1.355	2.567	464.487	245.112	238.820	6.292
2009	36902	19371.930	18840.627	531.303	1.440	2.743	442.580	232.335	225.963	6.372

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385515.528	4925.446	0.691	1.262	481.512	263.774	260.447	3.328

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA14
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 28, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 28, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA14

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.002000	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.002000	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.002000	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.002000	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.002000	0.002000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.002000	0.002000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.002000	0.002000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.002000	0.002000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.002000	0.002000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.002000	0.002000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.002000	0.002000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.002000	0.002000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 28, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 28, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2028.00	22.33	119.00	5.39			
5	All Ages	Current MRTP	104.00	1.15					
5	All Ages	Current Dual	74.00	0.81					
5	All Ages	Former	1988.00	21.89			14.77	110.00	5.53

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.17			
5	20-24	Current MRTP	18.00	2.13					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	206.00	24.79	11.00	4.74			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	10.00	1.20					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	303.00	27.01	9.00	2.78			
5	35-39	Current MRTP	13.00	1.16					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	237.00	21.12			8.53	16.00	6.75
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	214.00	22.06	9.00	4.05			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	251.00	25.88			11.61	13.00	5.18
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	121.00	22.62	6.00	4.69			
5	55-59	Current MRTP	5.00	0.93					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	155.00	28.97			15.09	4.00	2.58
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	107.00	19.96	14.00	12.28			
5	65-69	Current MRTP	2.00	0.37					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	162.00	30.22			21.09	8.00	4.94
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	77.00	14.29	15.00	17.65			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	2.00	0.37					
5	70-74	Former	174.00	32.28			24.93	5.00	2.87

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1870.00	20.53	186.00	8.43			
10	All Ages	Current MRTP	203.00	2.23					
10	All Ages	Current Dual	133.00	1.46					
10	All Ages	Former	2005.00	22.01			16.25	107.00	5.34

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	0.00	0.00			
10	20-24	Current MRTP	27.00	3.32					
10	20-24	Current Dual	30.00	3.69					
10	20-24	Former	17.00	2.09			2.53	6.00	35.29

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	212.00	25.12	5.00	1.85			
10	25-29	Current MRTP	31.00	3.67					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	51.00	6.04			5.18	10.00	19.61

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	191.00	22.98	16.00	6.90			
10	30-34	Current MRTP	21.00	2.53					
10	30-34	Current Dual	20.00	2.41					
10	30-34	Former	158.00	19.01			8.91	12.00	7.59

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	255.00	25.53	25.00	8.50			
10	35-39	Current MRTP	22.00	2.20					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	263.00	23.44	18.00	6.25			
10	40-44	Current MRTP	18.00	1.60					
10	40-44	Current Dual	7.00	0.62					
10	40-44	Former	273.00	24.33			11.40	17.00	6.23

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	184.00	18.97	21.00	10.05			
10	45-49	Current MRTP	18.00	1.86					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	264.00	27.22			15.34	7.00	2.65

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	155.00	19.11	18.00	10.34			
10	50-54	Current MRTP	13.00	1.60					
10	50-54	Current Dual	6.00	0.74					
10	50-54	Former	215.00	26.51			14.62	10.00	4.65
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	10.00	1.61					
10	55-59	Current Dual	7.00	1.13					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	106.00	19.81	10.00	8.47			
10	60-64	Current MRTP	9.00	1.68					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	165.00	30.84			18.27	6.00	3.64
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.65	4.00	2.86
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	86.00	16.04	18.00	17.82			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	175.00	32.65			23.33	9.00	5.14
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	28.00	33.33			
10	75-79	Current MRTP	17.00	3.15					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	175.00	32.47			26.99	12.00	6.86
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1583.00	18.47	235.00	11.67			
15	All Ages	Current MRTP	258.00	3.01					
15	All Ages	Current Dual	173.00	2.02					
15	All Ages	Former	2033.00	23.72			17.36	132.00	6.49
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	146.00	17.96	3.00	1.30			
15	25-29	Current MRTP	43.00	5.29					
15	25-29	Current Dual	42.00	5.17					
15	25-29	Former	36.00	4.43			3.86	14.00	38.89
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	192.00	22.75	10.00	3.62			
15	30-34	Current MRTP	50.00	5.92					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	78.00	9.24			6.86	15.00	19.23
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	165.00	19.86	25.00	11.79			
15	35-39	Current MRTP	26.00	3.13					
15	35-39	Current Dual	21.00	2.53					
15	35-39	Former	185.00	22.26			11.69	12.00	6.49
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	226.00	22.62	35.00	12.68			
15	40-44	Current MRTP	27.00	2.70					
15	40-44	Current Dual	23.00	2.30					
15	40-44	Former	213.00	21.32			14.35	9.00	4.23
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	229.00	20.41	25.00	9.26			
15	45-49	Current MRTP	29.00	2.58					
15	45-49	Current Dual	12.00	1.07					
15	45-49	Former	291.00	25.94			14.88	15.00	5.15
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	156.00	16.08	29.00	15.51			
15	50-54	Current MRTP	20.00	2.06					
15	50-54	Current Dual	11.00	1.13					
15	50-54	Former	286.00	29.48			18.03	13.00	4.55
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	136.00	16.77	21.00	13.64			
15	55-59	Current MRTP	10.00	1.23					
15	55-59	Current Dual	8.00	0.99					
15	55-59	Former	235.00	28.98			17.29	13.00	5.53
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	101.00	16.26	18.00	14.63			
15	60-64	Current MRTP	17.00	2.74					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	197.00	31.72			20.29	8.00	4.06
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	95.00	17.76	24.00	21.43			
15	65-69	Current MRTP	12.00	2.24					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.40	8.00	4.68
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.45	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	70.00	13.06	26.00	29.21			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	187.00	34.89			24.47	13.00	6.95
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1330.00	16.55	256.00	14.43			

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	270.00	3.36					
20	All Ages	Current Dual	174.00	2.17					
20	All Ages	Former	2034.00	25.32			18.81	124.00	6.10
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	142.00	17.47	5.00	2.19			
20	30-34	Current MRTP	46.00	5.66					
20	30-34	Current Dual	40.00	4.92					
20	30-34	Former	64.00	7.87			5.53	14.00	21.88
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	165.00	19.55	13.00	5.10			
20	35-39	Current MRTP	53.00	6.28					
20	35-39	Current Dual	37.00	4.38					
20	35-39	Former	111.00	13.15			8.54	17.00	15.32
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	144.00	17.33	27.00	14.14			
20	40-44	Current MRTP	30.00	3.61					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	206.00	24.79			14.87	6.00	2.91
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	203.00	20.32	38.00	15.02			
20	45-49	Current MRTP	27.00	2.70					
20	45-49	Current Dual	23.00	2.30					
20	45-49	Former	236.00	23.62			16.89	10.00	4.24
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	202.00	18.00	31.00	12.60			
20	50-54	Current MRTP	28.00	2.50					
20	50-54	Current Dual	16.00	1.43					
20	50-54	Former	315.00	28.07			17.63	17.00	5.40
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	133.00	13.71	34.00	20.36			
20	55-59	Current MRTP	25.00	2.58					
20	55-59	Current Dual	9.00	0.93					
20	55-59	Former	306.00	31.55			20.61	14.00	4.58
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	113.00	13.93	32.00	21.92			
20	60-64	Current MRTP	19.00	2.34					

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	14.00	1.73					
20	60-64	Former	243.00	29.96			20.36	10.00	4.12

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	89.00	14.33	23.00	20.54			
20	65-69	Current MRTP	18.00	2.90					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	208.00	33.49			22.96	10.00	4.81

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	81.00	15.14	28.00	27.72			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	182.00	34.02			23.96	12.00	6.59

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.39	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62285.718	46.602	0.023	0.075	2793.47	859.818	859.175	0.643
1994	200658	62691.239	62630.604	60.635	0.030	0.097	2725.82	851.622	850.799	0.824
1995	201023	63132.954	63041.350	91.604	0.046	0.145	2687.54	844.043	842.819	1.225
1996	201180	64309.880	64267.704	42.176	0.021	0.066	2653.67	848.280	847.724	0.556
1997	198639	64547.894	64472.179	75.715	0.038	0.117	2583.39	839.475	838.490	0.985
1998	197573	65384.866	65198.329	186.537	0.094	0.285	2533.29	838.367	835.975	2.392
1999	211329	67554.762	67236.343	318.418	0.151	0.471	2673.14	854.513	850.486	4.028
2000	208496	68184.366	67764.275	420.091	0.201	0.616	2604.20	851.652	846.405	5.247
2001	203606	68286.060	67734.975	551.085	0.271	0.807	2514.65	843.372	836.566	6.806
2002	200828	68983.996	68363.231	620.765	0.309	0.900	2455.47	843.450	835.860	7.590
2003	196352	68717.830	67857.432	860.398	0.438	1.252	2377.49	832.057	821.639	10.418
2004	188160	67344.952	66162.489	1182.463	0.628	1.756	2254.66	806.974	792.804	14.169
2005	186416	67846.650	66426.522	1420.129	0.762	2.093	2208.07	803.634	786.812	16.821
2006	180088	66622.465	64754.335	1868.129	1.037	2.804	2113.55	781.893	759.969	21.925
2007	175644	65977.201	63780.304	2196.897	1.251	3.330	2039.92	766.256	740.742	25.515
2008	177570	67121.344	64738.384	2382.959	1.342	3.550	2039.03	770.751	743.388	27.363
2009	172806	66622.993	63892.147	2730.846	1.580	4.099	1961.22	756.123	725.130	30.993

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1287238.053	15078.31	0.387	1.158	2465.77	823.300	813.768	9.532

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Main Results for E-Component Summarized over Simulations for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33458.970	8.765	0.019	0.026	638.542	461.657	461.536	0.121
1994	47017	33989.389	33981.096	8.293	0.018	0.024	638.697	461.725	461.612	0.113
1995	47840	34566.580	34551.994	14.586	0.030	0.042	639.587	462.131	461.936	0.195
1996	48244	34997.958	35006.262	-8.304	-0.017	-0.024	636.363	461.641	461.750	-0.110
1997	49035	35549.658	35547.330	2.327	0.005	0.007	637.723	462.340	462.309	0.030
1998	49686	36138.033	36110.331	27.703	0.056	0.077	637.076	463.363	463.008	0.355
1999	48883	35506.142	35459.910	46.231	0.095	0.130	618.331	449.124	448.539	0.585
2000	50331	36573.306	36496.391	76.916	0.153	0.210	628.656	456.816	455.855	0.961
2001	50389	36733.445	36625.406	108.039	0.214	0.294	622.333	453.679	452.345	1.334
2002	51445	37627.700	37490.817	136.883	0.266	0.364	629.005	460.065	458.391	1.674
2003	51408	37552.784	37335.654	217.130	0.422	0.578	622.464	454.701	452.072	2.629
2004	51399	37527.823	37205.841	321.982	0.626	0.858	615.898	449.684	445.826	3.858
2005	51421	37486.186	37100.361	385.826	0.750	1.029	609.074	444.018	439.448	4.570
2006	51355	37409.496	36854.327	555.169	1.081	1.484	602.712	439.045	432.529	6.516
2007	51839	37602.867	36925.690	677.178	1.306	1.801	602.056	436.718	428.853	7.865
2008	50976	36986.957	36278.313	708.644	1.390	1.916	585.355	424.719	416.582	8.137
2009	51193	37201.944	36349.566	852.378	1.665	2.291	581.003	422.215	412.541	9.674

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707757.456	4147.383	0.423	0.583	619.890	450.053	447.431	2.622

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Main Results for E-Component Summarized over Simulations for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12375.627	26.307	0.028	0.212	1292.22	171.073	170.711	0.363
1994	90832	12128.576	12087.622	40.954	0.045	0.338	1233.90	164.759	164.203	0.556
1995	89698	11958.696	11903.702	54.994	0.061	0.460	1199.20	159.879	159.144	0.735
1996	88286	12020.749	11962.851	57.899	0.066	0.482	1164.54	158.560	157.796	0.764
1997	84777	11593.724	11516.654	77.069	0.091	0.665	1102.56	150.782	149.779	1.002
1998	82517	11337.035	11208.956	128.078	0.155	1.130	1058.04	145.364	143.722	1.642
1999	93939	13027.458	12809.623	217.835	0.232	1.672	1188.25	164.787	162.031	2.755
2000	90039	12607.547	12362.863	244.684	0.272	1.941	1124.63	157.474	154.417	3.056
2001	86119	12350.451	12033.051	317.399	0.369	2.570	1063.62	152.535	148.615	3.920
2002	83014	12112.097	11762.236	349.860	0.421	2.889	1014.99	148.092	143.814	4.278
2003	79302	11683.252	11266.224	417.028	0.526	3.569	960.214	141.465	136.415	5.050
2004	73861	11139.095	10611.917	527.179	0.714	4.733	885.053	133.476	127.159	6.317
2005	71649	10884.683	10280.559	604.123	0.843	5.550	848.672	128.927	121.772	7.156
2006	67551	10397.565	9680.602	716.963	1.061	6.895	792.791	122.028	113.613	8.414
2007	63503	9785.831	8972.518	813.313	1.281	8.311	737.521	113.652	104.206	9.446
2008	63171	9922.524	9043.427	879.097	1.392	8.860	725.389	113.940	103.845	10.095
2009	59747	9483.598	8534.453	949.144	1.589	10.008	678.085	107.632	96.860	10.772

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	226053.932	6428.617	0.389	2.765	1043.56	146.971	142.907	4.064

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Main Results for E-Component Summarized over Simulations for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 28 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3107.474	7.042	0.021	0.226	452.005	42.962	42.865	0.097
1994	33005	3168.398	3157.368	11.030	0.033	0.348	448.353	43.041	42.891	0.150
1995	33730	3200.274	3183.956	16.318	0.048	0.510	450.946	42.785	42.567	0.218
1996	33750	3234.738	3216.086	18.653	0.055	0.577	445.180	42.668	42.422	0.246
1997	33699	3240.665	3223.669	16.996	0.050	0.524	438.271	42.146	41.925	0.221
1998	33274	3171.578	3136.783	34.795	0.105	1.097	426.640	40.666	40.220	0.446
1999	33891	3153.786	3095.674	58.113	0.171	1.843	428.694	39.893	39.158	0.735
2000	33827	3237.043	3158.294	78.749	0.233	2.433	422.514	40.432	39.448	0.984
2001	32506	3110.972	3010.748	100.224	0.308	3.222	401.468	38.422	37.184	1.238
2002	32078	3123.298	3007.860	115.437	0.360	3.696	392.210	38.188	36.776	1.411
2003	30568	3025.984	2892.746	133.238	0.436	4.403	370.127	36.640	35.026	1.613
2004	29388	2983.453	2810.087	173.367	0.590	5.811	352.147	35.750	33.672	2.077
2005	27954	2926.679	2727.976	198.703	0.711	6.789	331.111	34.666	32.312	2.354
2006	27201	2889.308	2656.813	232.495	0.855	8.047	319.236	33.909	31.181	2.729
2007	26302	2810.025	2542.533	267.492	1.017	9.519	305.470	32.636	29.529	3.107
2008	25998	2773.025	2493.168	279.857	1.076	10.092	298.534	31.843	28.629	3.214
2009	25040	2723.293	2412.684	310.610	1.240	11.406	284.186	30.907	27.382	3.525

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59236.567	2055.176	0.330	3.353	394.195	38.747	37.448	1.299

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Main Results for E-Component Summarized over Simulations for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13343.647	4.487	0.015	0.034	410.705	184.125	184.063	0.062
1994	29804	13404.876	13404.518	0.358	0.001	0.003	404.869	182.097	182.092	0.005
1995	29755	13407.404	13401.699	5.706	0.019	0.043	397.803	179.248	179.171	0.076
1996	30900	14056.435	14082.506	-26.071	-0.084	-0.185	407.587	185.412	185.755	-0.344
1997	31128	14163.848	14184.526	-20.678	-0.066	-0.146	404.834	184.207	184.476	-0.269
1998	32096	14738.220	14742.259	-4.039	-0.013	-0.027	411.536	188.974	189.026	-0.052
1999	34616	15867.376	15871.137	-3.761	-0.011	-0.024	437.865	200.710	200.757	-0.048
2000	34299	15766.470	15746.727	19.742	0.058	0.125	428.409	196.930	196.683	0.247
2001	34592	16091.193	16065.770	25.422	0.073	0.158	427.231	198.736	198.422	0.314
2002	34291	16120.902	16102.317	18.584	0.054	0.115	419.268	197.106	196.879	0.227
2003	35074	16455.810	16362.808	93.002	0.265	0.565	424.687	199.252	198.126	1.126
2004	33512	15694.580	15534.644	159.936	0.477	1.019	401.564	188.063	186.147	1.916
2005	35392	16549.102	16317.625	231.477	0.654	1.399	419.213	196.022	193.280	2.742
2006	33981	15926.096	15562.594	363.502	1.070	2.282	398.807	186.912	182.645	4.266
2007	34000	15778.477	15339.563	438.915	1.291	2.782	394.875	183.251	178.153	5.098
2008	37425	17438.838	16923.476	515.361	1.377	2.955	429.749	200.249	194.331	5.918
2009	36826	17214.158	16595.444	618.714	1.680	3.594	417.948	195.368	188.346	7.022

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294190.098	2447.135	0.379	0.825	408.132	187.528	185.981	1.547

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA15
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 29, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 29, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA15

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.004000	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.004000	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.004000	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.004000	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.004000	0.004000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.004000	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.004000	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.004000	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.004000	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.004000	0.004000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 29, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 29, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2473.00	26.95	145.00	5.41			
5	All Ages	Current MRTP	111.00	1.21					
5	All Ages	Current Dual	95.00	1.04					
5	All Ages	Former	2597.00	28.30			15.50	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	4.00	1.18			1.00	3.00	75.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.30			
5	25-29	Current MRTP	18.00	1.88					
5	25-29	Current Dual	10.00	1.04					
5	25-29	Former	116.00	12.11			4.90	21.00	18.10
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	354.00	32.96	9.00	2.39			
5	30-34	Current MRTP	10.00	0.93					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	203.00	18.90			6.37	24.00	11.82
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	338.00	31.21	14.00	3.98			
5	35-39	Current MRTP	8.00	0.74					
5	35-39	Current Dual	6.00	0.55					
5	35-39	Former	253.00	23.36			7.78	20.00	7.91
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	284.00	29.19	13.00	4.41			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	298.00	34.69			13.82	9.00	3.02
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	195.00	30.95	13.00	6.28			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	231.00	36.67			17.62	6.00	2.60
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	141.00	26.91	13.00	8.67			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	5.00	0.95					
5	55-59	Former	219.00	41.79			16.95	13.00	5.94
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	15.00	11.72			
5	60-64	Current MRTP	8.00	1.55					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	246.00	47.77			18.93	7.00	2.85
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	71.00	15.85	23.00	25.84			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	10.00	2.23					
5	70-74	Former	253.00	56.47			22.53	7.00	2.77

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.48			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	214.00	59.61			23.79	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2291.00	24.44	248.00	9.14			
10	All Ages	Current MRTP	224.00	2.39					
10	All Ages	Current Dual	197.00	2.10					
10	All Ages	Former	2590.00	27.63			17.26	162.00	6.25

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	170.00	18.97	1.00	0.41			
10	20-24	Current MRTP	32.00	3.57					
10	20-24	Current Dual	44.00	4.91					
10	20-24	Former	23.00	2.57			2.35	9.00	39.13

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	241.00	26.34	5.00	1.65			
10	25-29	Current MRTP	25.00	2.73					
10	25-29	Current Dual	37.00	4.04					
10	25-29	Former	59.00	6.45			4.93	16.00	27.12

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	255.00	26.62	11.00	3.47			
10	30-34	Current MRTP	34.00	3.55					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	142.00	14.82			8.06	14.00	9.86

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	321.00	29.89	22.00	6.13			
10	35-39	Current MRTP	22.00	2.05					
10	35-39	Current Dual	16.00	1.49					
10	35-39	Former	227.00	21.14			9.97	13.00	5.73

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	287.00	26.50	26.00	8.20			
10	40-44	Current MRTP	18.00	1.66					
10	40-44	Current Dual	12.00	1.11					
10	40-44	Former	288.00	26.59			10.90	23.00	7.99

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	259.00	26.62	24.00	8.51			
10	45-49	Current MRTP	15.00	1.54					
10	45-49	Current Dual	8.00	0.82					
10	45-49	Former	285.00	29.29			15.88	14.00	4.91

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	210.00	24.45	29.00	11.98			
10	50-54	Current MRTP	19.00	2.21					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	309.00	35.97			17.20	7.00	2.27
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	165.00	26.19	26.00	13.68			
10	55-59	Current MRTP	17.00	2.70					
10	55-59	Current Dual	8.00	1.27					
10	55-59	Former	248.00	39.37			20.27	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	121.00	23.09	18.00	13.53			
10	60-64	Current MRTP	4.00	0.76					
10	60-64	Current Dual	8.00	1.53					
10	60-64	Former	236.00	45.04			19.49	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	100.00	19.42	23.00	19.17			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	254.00	49.32			21.73	14.00	5.51
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	105.00	21.00	33.00	27.05			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	258.00	51.60			24.45	17.00	6.59
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	57.00	12.72	30.00	37.04			
10	75-79	Current MRTP	11.00	2.46					
10	75-79	Current Dual	13.00	2.90					
10	75-79	Former	261.00	58.26			24.93	14.00	5.36
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2025.00	22.68	313.00	12.30			
15	All Ages	Current MRTP	298.00	3.34					
15	All Ages	Current Dual	221.00	2.48					
15	All Ages	Former	2515.00	28.17			18.75	139.00	5.53
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	180.00	20.09	3.00	1.06			
15	25-29	Current MRTP	50.00	5.58					
15	25-29	Current Dual	54.00	6.03					
15	25-29	Former	47.00	5.25			4.47	10.00	21.28
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	221.00	24.15	10.00	3.34			
15	30-34	Current MRTP	33.00	3.61					
15	30-34	Current Dual	45.00	4.92					
15	30-34	Former	91.00	9.95			6.51	16.00	17.58
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	232.00	24.22	22.00	7.31			
15	35-39	Current MRTP	37.00	3.86					
15	35-39	Current Dual	32.00	3.34					
15	35-39	Former	167.00	17.43			10.68	16.00	9.58
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	278.00	25.88	29.00	8.90			
15	40-44	Current MRTP	31.00	2.89					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	260.00	24.21			12.74	15.00	5.77
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	261.00	24.10	39.00	12.83			
15	45-49	Current MRTP	27.00	2.49					
15	45-49	Current Dual	16.00	1.48					
15	45-49	Former	301.00	27.79			14.75	10.00	3.32
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	220.00	22.61	30.00	11.81			
15	50-54	Current MRTP	24.00	2.47					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	313.00	32.17			18.58	12.00	3.83
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	185.00	21.54	38.00	16.89			
15	55-59	Current MRTP	26.00	3.03					
15	55-59	Current Dual	14.00	1.63					
15	55-59	Former	326.00	37.95			20.22	18.00	5.52
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	153.00	24.29	33.00	18.03			
15	60-64	Current MRTP	23.00	3.65					
15	60-64	Current Dual	7.00	1.11					
15	60-64	Former	255.00	40.48			22.87	12.00	4.71
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	114.00	21.76	31.00	23.31			
15	65-69	Current MRTP	10.00	1.91					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	236.00	45.04			22.72	9.00	3.81
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	89.00	17.28	36.00	30.25			
15	70-74	Current MRTP	20.00	3.88					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	255.00	49.51			24.84	8.00	3.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	92.00	18.40	42.00	36.21			
15	75-79	Current MRTP	17.00	3.40					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	264.00	52.80			26.11	13.00	4.92
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1705.00	20.23	363.00	15.96			

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	320.00	3.80					
20	All Ages	Current Dual	250.00	2.97					
20	All Ages	Former	2432.00	28.86			19.83	144.00	5.92
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	168.00	18.75	7.00	2.62			
20	30-34	Current MRTP	47.00	5.25					
20	30-34	Current Dual	52.00	5.80					
20	30-34	Former	82.00	9.15			6.22	15.00	18.29
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	195.00	21.31	12.00	4.26			
20	35-39	Current MRTP	43.00	4.70					
20	35-39	Current Dual	44.00	4.81					
20	35-39	Former	118.00	12.90			8.60	17.00	14.41
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	208.00	21.71	27.00	9.54			
20	40-44	Current MRTP	39.00	4.07					
20	40-44	Current Dual	36.00	3.76					
20	40-44	Former	185.00	19.31			13.66	10.00	5.41
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	258.00	24.02	39.00	12.70			
20	45-49	Current MRTP	30.00	2.79					
20	45-49	Current Dual	19.00	1.77					
20	45-49	Former	279.00	25.98			15.84	15.00	5.38
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	222.00	20.50	48.00	17.20			
20	50-54	Current MRTP	37.00	3.42					
20	50-54	Current Dual	20.00	1.85					
20	50-54	Former	326.00	30.10			17.49	15.00	4.60
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	195.00	20.04	40.00	16.95			
20	55-59	Current MRTP	24.00	2.47					
20	55-59	Current Dual	17.00	1.75					
20	55-59	Former	331.00	34.02			21.33	14.00	4.23
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	167.00	19.44	51.00	23.61			
20	60-64	Current MRTP	30.00	3.49					

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	19.00	2.21					
20	60-64	Former	335.00	39.00			22.74	14.00	4.18

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	121.00	19.21	41.00	25.47			
20	65-69	Current MRTP	29.00	4.60					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	277.00	43.97			23.78	19.00	6.86

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	98.00	18.70	44.00	34.38			
20	70-74	Current MRTP	19.00	3.63					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	241.00	45.99			25.20	12.00	4.98

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	73.00	14.17	54.00	46.55			
20	75-79	Current MRTP	22.00	4.27					
20	75-79	Current Dual	21.00	4.08					
20	75-79	Former	258.00	50.10			26.01	13.00	5.04

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.969	147.750	0.048	0.121	4692.62	1857.47	1855.23	2.247
1993	311713	123269.216	122936.367	332.849	0.107	0.270	4656.77	1841.55	1836.58	4.973
1994	305700	120480.723	119989.075	491.649	0.161	0.408	4482.57	1766.64	1759.43	7.209
1995	303225	118666.569	117952.090	714.479	0.236	0.602	4361.58	1706.89	1696.62	10.277
1996	299559	116607.195	115715.570	891.625	0.298	0.765	4242.85	1651.58	1638.96	12.629
1997	294226	114665.051	113644.683	1020.369	0.347	0.890	4100.64	1598.09	1583.87	14.221
1998	289258	113038.380	111819.754	1218.626	0.421	1.078	3966.28	1549.97	1533.26	16.710
1999	311002	117067.463	115433.540	1633.923	0.525	1.396	4198.14	1580.27	1558.21	22.056
2000	303786	114977.407	113164.265	1813.142	0.597	1.577	4041.13	1529.49	1505.37	24.119
2001	296294	113047.319	111092.245	1955.074	0.660	1.729	3890.54	1484.39	1458.72	25.671
2002	291898	111744.742	109614.799	2129.942	0.730	1.906	3789.34	1450.64	1422.99	27.650
2003	285865	110551.854	108249.729	2302.125	0.805	2.082	3671.31	1419.80	1390.23	29.566
2004	274177	107418.262	105081.223	2337.039	0.852	2.176	3481.92	1364.16	1334.48	29.679
2005	272379	107678.770	105183.750	2495.019	0.916	2.317	3417.44	1351.01	1319.70	31.304
2006	264118	104357.806	101834.590	2523.217	0.955	2.418	3281.83	1296.71	1265.36	31.353
2007	258419	102690.449	100079.079	2611.370	1.011	2.543	3176.05	1262.10	1230.00	32.095
2008	259461	103492.166	100532.957	2959.209	1.141	2.859	3150.91	1256.82	1220.88	35.937
2009	253907	101384.044	98216.889	3167.154	1.247	3.124	3045.20	1215.94	1177.95	37.985

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2242465.487	30778.19	0.529	1.354	3927.78	1535.76	1514.96	20.793

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.129	31.218	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62818.429	64.682	0.082	0.103	1173.36	939.428	938.462	0.966
1994	77437	61805.804	61707.351	98.454	0.127	0.159	1135.48	906.276	904.833	1.444
1995	76904	61145.799	60999.376	146.424	0.190	0.239	1106.18	879.519	877.412	2.106
1996	76232	60385.323	60203.182	182.140	0.239	0.302	1079.72	855.277	852.697	2.580
1997	75473	59549.806	59354.800	195.005	0.258	0.327	1051.87	829.947	827.229	2.718
1998	75381	59292.315	59024.167	268.148	0.356	0.452	1033.62	813.010	809.333	3.677
1999	73159	57398.351	57067.463	330.888	0.452	0.576	987.557	774.807	770.341	4.467
2000	73784	57716.549	57311.468	405.081	0.549	0.702	981.515	767.777	762.388	5.389
2001	73294	57211.877	56761.386	450.491	0.615	0.787	962.399	751.230	745.315	5.915
2002	72442	56438.810	55944.128	494.683	0.683	0.876	940.422	732.673	726.252	6.422
2003	71942	55948.341	55437.797	510.545	0.710	0.913	923.937	718.533	711.977	6.557
2004	71301	55339.218	54805.309	533.909	0.749	0.965	905.490	702.783	696.002	6.780
2005	70964	54964.459	54410.299	554.160	0.781	1.008	890.360	689.620	682.667	6.953
2006	69658	53781.526	53231.721	549.806	0.789	1.022	865.543	668.268	661.437	6.832
2007	68565	52784.985	52220.746	564.238	0.823	1.069	842.687	648.745	641.810	6.935
2008	68226	52470.692	51809.064	661.629	0.970	1.261	828.542	637.208	629.173	8.035
2009	67509	51823.021	51107.242	715.779	1.060	1.381	809.661	621.533	612.949	8.585

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1153222.380	6766.148	0.458	0.583	997.213	783.665	779.094	4.571

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.556	89.295	0.054	0.249	2502.33	545.392	544.034	1.358
1993	164362	35459.800	35257.540	202.260	0.123	0.570	2455.45	529.744	526.722	3.022
1994	159866	34293.631	34005.319	288.313	0.180	0.841	2344.16	502.857	498.630	4.228
1995	158083	33531.695	33123.383	408.312	0.258	1.218	2273.86	482.318	476.445	5.873
1996	154875	32438.163	31932.858	505.305	0.326	1.558	2193.60	459.443	452.286	7.157
1997	149970	31179.663	30591.115	588.547	0.392	1.888	2090.14	434.552	426.349	8.203
1998	145407	29860.736	29210.659	650.078	0.447	2.177	1993.81	409.447	400.534	8.914
1999	165952	34413.904	33509.284	904.620	0.545	2.629	2240.15	464.545	452.334	12.211
2000	160260	33265.290	32309.448	955.842	0.596	2.873	2131.87	442.513	429.798	12.715
2001	154444	32074.102	31057.460	1016.642	0.658	3.170	2027.95	421.154	407.805	13.349
2002	151887	31817.956	30718.346	1099.610	0.724	3.456	1971.76	413.052	398.777	14.275
2003	146733	31025.931	29793.727	1232.205	0.840	3.972	1884.46	398.460	382.635	15.825
2004	138381	29503.602	28251.108	1252.494	0.905	4.245	1757.38	374.682	358.776	15.906
2005	135881	29077.894	27737.758	1340.136	0.986	4.609	1704.85	364.830	348.016	16.814
2006	131922	28385.448	26986.697	1398.750	1.060	4.928	1639.21	352.707	335.326	17.380
2007	126502	27327.625	25877.569	1450.056	1.146	5.306	1554.75	335.866	318.044	17.822
2008	125859	27025.472	25449.256	1576.216	1.252	5.832	1528.44	328.199	309.058	19.142
2009	122428	26361.626	24669.967	1691.659	1.382	6.417	1468.33	316.165	295.876	20.289

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	621686.474	16670.20	0.556	2.611	2024.64	431.261	419.999	11.262

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 29 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.624	12.572	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4380.117	34.020	0.103	0.771	491.442	65.944	65.436	0.508
1994	33323	4474.895	4422.900	51.995	0.156	1.162	488.625	65.617	64.854	0.762
1995	33569	4476.290	4398.910	77.381	0.231	1.729	482.855	64.387	63.274	1.113
1996	33870	4489.078	4387.133	101.945	0.301	2.271	479.723	63.582	62.138	1.444
1997	33516	4444.866	4315.021	129.845	0.387	2.921	467.113	61.948	60.139	1.810
1998	32795	4313.427	4184.221	129.206	0.394	2.995	449.682	59.145	57.374	1.772
1999	33375	4232.739	4082.835	149.903	0.449	3.542	450.521	57.137	55.113	2.024
2000	33459	4307.577	4153.957	153.620	0.459	3.566	445.090	57.302	55.258	2.044
2001	32275	4136.308	3985.172	151.137	0.468	3.654	423.792	54.312	52.328	1.985
2002	31586	4079.175	3925.223	153.952	0.487	3.774	410.041	52.955	50.956	1.999
2003	30985	4096.221	3907.009	189.212	0.611	4.619	397.934	52.607	50.177	2.430
2004	29884	4034.217	3842.115	192.102	0.643	4.762	379.513	51.233	48.793	2.440
2005	28708	3944.303	3745.536	198.767	0.692	5.039	360.189	49.488	46.994	2.494
2006	28188	3970.169	3754.941	215.228	0.764	5.421	350.253	49.332	46.657	2.674
2007	28026	3957.558	3724.249	233.308	0.832	5.895	344.449	48.640	45.772	2.867
2008	27128	3812.302	3580.853	231.448	0.853	6.071	329.444	46.297	43.486	2.811
2009	27068	3827.467	3564.828	262.639	0.970	6.862	324.637	45.904	42.754	3.150

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81787.912	2669.591	0.425	3.161	424.421	57.058	55.254	1.804

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.659	14.665	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20480.281	31.887	0.089	0.155	536.514	306.437	305.961	0.476
1994	35074	19906.392	19853.505	52.887	0.151	0.266	514.300	291.893	291.118	0.776
1995	34669	19512.784	19430.422	82.363	0.238	0.422	498.677	280.671	279.486	1.185
1996	34582	19294.631	19192.396	102.235	0.296	0.530	489.808	273.283	271.835	1.448
1997	35267	19490.717	19383.746	106.971	0.303	0.549	491.517	271.643	270.152	1.491
1998	35675	19571.902	19400.708	171.194	0.480	0.875	489.172	268.368	266.020	2.347
1999	38516	21022.469	20773.957	248.511	0.645	1.182	519.919	283.777	280.423	3.355
2000	36283	19687.992	19389.393	298.599	0.823	1.517	482.656	261.900	257.928	3.972
2001	36281	19625.032	19288.227	336.804	0.928	1.716	476.394	257.690	253.267	4.422
2002	35983	19408.801	19027.103	381.698	1.061	1.967	467.122	251.960	247.005	4.955
2003	36205	19481.360	19111.197	370.163	1.022	1.900	464.974	250.195	245.441	4.754
2004	34611	18541.224	18182.690	358.534	1.036	1.934	439.544	235.465	230.912	4.553
2005	36826	19692.114	19290.157	401.957	1.092	2.041	462.043	247.070	242.027	5.043
2006	34350	18220.663	17861.230	359.433	1.046	1.973	426.820	226.403	221.937	4.466
2007	35326	18620.282	18256.515	363.767	1.030	1.954	434.168	228.849	224.379	4.471
2008	38248	20183.701	19693.784	489.917	1.281	2.427	464.487	245.112	239.163	5.950
2009	36902	19371.930	18874.852	497.078	1.347	2.566	442.580	232.335	226.373	5.962

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385768.721	4672.253	0.656	1.197	481.512	263.774	260.618	3.156

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA15
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 30, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 30, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	SET4SA15

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.004000	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.004000	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.004000	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.004000	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.004000	0.004000	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.004000	0.004000	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.004000	0.004000	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.004000	0.004000	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.004000	0.004000	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.004000	0.004000	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.004000	0.004000	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.004000	0.004000	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 30, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 30, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2034.00	22.40	120.00	5.44			
5	All Ages	Current MRTP	95.00	1.05					
5	All Ages	Current Dual	78.00	0.86					
5	All Ages	Former	1987.00	21.88			14.77	111.00	5.59

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	224.00	26.54	3.00	1.16			
5	20-24	Current MRTP	17.00	2.01					
5	20-24	Current Dual	17.00	2.01					
5	20-24	Former	28.00	3.32			2.93	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	207.00	24.91	11.00	4.74			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	304.00	27.09	10.00	3.08			
5	35-39	Current MRTP	11.00	0.98					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	236.00	21.03			8.56	15.00	6.36
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	214.00	22.06	8.00	3.64			
5	40-44	Current MRTP	6.00	0.62					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	253.00	26.08			11.52	15.00	5.93
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	172.00	21.21	8.00	4.35			
5	45-49	Current MRTP	5.00	0.62					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	121.00	22.62	7.00	5.43			
5	55-59	Current MRTP	5.00	0.93					
5	55-59	Current Dual	3.00	0.56					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	108.00	20.15	17.00	14.53			
5	65-69	Current MRTP	2.00	0.37					
5	65-69	Current Dual	7.00	1.31					
5	65-69	Former	159.00	29.66			21.47	6.00	3.77
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	78.00	14.47	13.00	15.66			
5	70-74	Current MRTP	4.00	0.74					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	176.00	32.65			24.64	7.00	3.98

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1886.00	20.70	189.00	8.58			
10	All Ages	Current MRTP	186.00	2.04					
10	All Ages	Current Dual	132.00	1.45					
10	All Ages	Former	2007.00	22.03			16.23	113.00	5.63

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	140.00	17.22	0.00	0.00			
10	20-24	Current MRTP	26.00	3.20					
10	20-24	Current Dual	29.00	3.57					
10	20-24	Former	17.00	2.09			2.53	6.00	35.29

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	213.00	25.24	5.00	1.85			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	51.00	6.04			5.08	11.00	21.57

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	195.00	23.47	16.00	6.90			
10	30-34	Current MRTP	21.00	2.53					
10	30-34	Current Dual	16.00	1.93					
10	30-34	Former	158.00	19.01			8.89	13.00	8.23

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	255.00	25.53	26.00	8.81			
10	35-39	Current MRTP	22.00	2.20					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	194.00	19.42			11.28	8.00	4.12

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	264.00	23.53	18.00	6.27			
10	40-44	Current MRTP	11.00	0.98					
10	40-44	Current Dual	12.00	1.07					
10	40-44	Former	274.00	24.42			11.35	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	184.00	18.97	20.00	9.66			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.27	7.00	2.63

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	158.00	19.48	18.00	10.34			
10	50-54	Current MRTP	11.00	1.36					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	215.00	26.51			14.65	9.00	4.19
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	128.00	20.61	16.00	11.35			
10	55-59	Current MRTP	8.00	1.29					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	179.00	28.82			18.16	7.00	3.91
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	106.00	19.81	10.00	8.47			
10	60-64	Current MRTP	7.00	1.31					
10	60-64	Current Dual	5.00	0.93					
10	60-64	Former	165.00	30.84			18.22	7.00	4.24
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	88.00	16.42	21.00	20.39			
10	70-74	Current MRTP	10.00	1.87					
10	70-74	Current Dual	5.00	0.93					
10	70-74	Former	173.00	32.28			23.50	10.00	5.78
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	67.00	12.43	28.00	33.33			
10	75-79	Current MRTP	17.00	3.15					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	175.00	32.47			27.00	12.00	6.86
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1601.00	18.68	244.00	12.09			
15	All Ages	Current MRTP	236.00	2.75					
15	All Ages	Current Dual	181.00	2.11					
15	All Ages	Former	2029.00	23.68			17.38	128.00	6.31
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	149.00	18.33	3.00	1.29			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	41.00	5.04					
15	25-29	Former	35.00	4.31			3.97	13.00	37.14
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	194.00	22.99	10.00	3.62			
15	30-34	Current MRTP	48.00	5.69					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	78.00	9.24			6.79	15.00	19.23
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	168.00	20.22	24.00	11.43			
15	35-39	Current MRTP	25.00	3.01					
15	35-39	Current Dual	17.00	2.05					
15	35-39	Former	187.00	22.50			11.58	12.00	6.42
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	226.00	22.62	36.00	13.00			
15	40-44	Current MRTP	27.00	2.70					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	212.00	21.22			14.38	9.00	4.25
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	230.00	20.50	26.00	9.63			
15	45-49	Current MRTP	19.00	1.69					
15	45-49	Current Dual	21.00	1.87					
15	45-49	Former	291.00	25.94			14.89	14.00	4.81
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	156.00	16.08	32.00	17.02			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	13.00	1.34					
15	50-54	Former	285.00	29.38			18.11	13.00	4.56
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	142.00	17.51	23.00	14.65			
15	55-59	Current MRTP	9.00	1.11					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	232.00	28.61			17.50	13.00	5.60
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	102.00	16.43	18.00	14.88			
15	60-64	Current MRTP	14.00	2.25					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	199.00	32.05			20.16	7.00	3.52
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	95.00	17.76	23.00	20.72			
15	65-69	Current MRTP	10.00	1.87					
15	65-69	Current Dual	6.00	1.12					
15	65-69	Former	172.00	32.15			21.28	8.00	4.65
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	20.00	23.81			
15	70-74	Current MRTP	8.00	1.64					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.44	11.00	7.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	71.00	13.25	29.00	31.52			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	6.00	1.12					
15	75-79	Former	184.00	34.33			24.71	13.00	7.07
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1351.00	16.82	266.00	14.95			

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	238.00	2.96					
20	All Ages	Current Dual	190.00	2.36					
20	All Ages	Former	2029.00	25.26			18.86	119.00	5.86
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	144.00	17.71	5.00	2.19			
20	30-34	Current MRTP	42.00	5.17					
20	30-34	Current Dual	42.00	5.17					
20	30-34	Former	64.00	7.87			5.50	14.00	21.88
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	168.00	19.91	12.00	4.69			
20	35-39	Current MRTP	49.00	5.81					
20	35-39	Current Dual	39.00	4.62					
20	35-39	Former	110.00	13.03			8.57	16.00	14.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	146.00	17.57	27.00	14.29			
20	40-44	Current MRTP	28.00	3.37					
20	40-44	Current Dual	15.00	1.81					
20	40-44	Former	208.00	25.03			14.79	6.00	2.88
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	204.00	20.42	40.00	15.75			
20	45-49	Current MRTP	26.00	2.60					
20	45-49	Current Dual	24.00	2.40					
20	45-49	Former	235.00	23.52			16.91	9.00	3.83
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	204.00	18.18	35.00	14.06			
20	50-54	Current MRTP	20.00	1.78					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	312.00	27.81			17.77	15.00	4.81
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	135.00	13.92	38.00	22.49			
20	55-59	Current MRTP	23.00	2.37					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	304.00	31.34			20.75	13.00	4.28
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	119.00	14.67	33.00	22.45			
20	60-64	Current MRTP	16.00	1.97					

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	12.00	1.48					
20	60-64	Former	242.00	29.84			20.38	11.00	4.55

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	91.00	14.65	22.00	19.82			
20	65-69	Current MRTP	14.00	2.25					
20	65-69	Current Dual	6.00	0.97					
20	65-69	Former	209.00	33.66			22.96	10.00	4.78

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	81.00	15.14	27.00	27.00			
20	70-74	Current MRTP	9.00	1.68					
20	70-74	Current Dual	10.00	1.87					
20	70-74	Former	183.00	34.21			23.86	12.00	6.56

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	27.00	35.53			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	162.00	33.20			24.49	13.00	8.02

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60212.440	13.702	0.007	0.023	2778.64	842.922	842.730	0.192
1993	202512	62332.320	62290.557	41.763	0.021	0.067	2793.47	859.818	859.242	0.576
1994	200658	62691.239	62641.063	50.176	0.025	0.080	2725.82	851.622	850.941	0.682
1995	201023	63132.954	63058.720	74.234	0.037	0.118	2687.54	844.043	843.051	0.992
1996	201180	64309.880	64300.931	8.949	0.004	0.014	2653.67	848.280	848.162	0.118
1997	198639	64547.894	64515.602	32.292	0.016	0.050	2583.39	839.475	839.055	0.420
1998	197573	65384.866	65254.812	130.054	0.066	0.199	2533.29	838.367	836.699	1.668
1999	211329	67554.762	67306.232	248.530	0.118	0.368	2673.14	854.513	851.370	3.144
2000	208496	68184.366	67846.054	338.312	0.162	0.496	2604.20	851.652	847.426	4.226
2001	203606	68286.060	67829.071	456.990	0.224	0.669	2514.65	843.372	837.728	5.644
2002	200828	68983.996	68471.879	512.117	0.255	0.742	2455.47	843.450	837.189	6.262
2003	196352	68717.830	67980.722	737.108	0.375	1.073	2377.49	832.057	823.132	8.925
2004	188160	67344.952	66291.568	1053.384	0.560	1.564	2254.66	806.974	794.351	12.622
2005	186416	67846.650	66559.267	1287.383	0.691	1.897	2208.07	803.634	788.385	15.249
2006	180088	66622.465	64847.196	1775.269	0.986	2.665	2113.55	781.893	761.059	20.835
2007	175644	65977.201	63900.554	2076.647	1.182	3.148	2039.92	766.256	742.138	24.118
2008	177570	67121.344	64860.348	2260.995	1.273	3.369	2039.03	770.751	744.788	25.963
2009	172806	66622.993	64036.641	2586.352	1.497	3.882	1961.22	756.123	726.769	29.353

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1288623.430	13692.93	0.351	1.051	2465.77	823.300	814.644	8.656

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.131	3.315	0.007	0.010	635.738	459.227	459.181	0.046
1993	46291	33467.735	33460.041	7.694	0.017	0.023	638.542	461.657	461.551	0.106
1994	47017	33989.389	33983.720	5.668	0.012	0.017	638.697	461.725	461.648	0.077
1995	47840	34566.580	34556.390	10.190	0.021	0.029	639.587	462.131	461.995	0.136
1996	48244	34997.958	35014.278	-16.320	-0.034	-0.047	636.363	461.641	461.856	-0.215
1997	49035	35549.658	35557.920	-8.263	-0.017	-0.023	637.723	462.340	462.447	-0.107
1998	49686	36138.033	36124.801	13.232	0.027	0.037	637.076	463.363	463.193	0.170
1999	48883	35506.142	35476.895	29.247	0.060	0.082	618.331	449.124	448.754	0.370
2000	50331	36573.306	36517.209	56.098	0.111	0.153	628.656	456.816	456.115	0.701
2001	50389	36733.445	36652.735	80.710	0.160	0.220	622.333	453.679	452.682	0.997
2002	51445	37627.700	37521.864	105.836	0.206	0.281	629.005	460.065	458.771	1.294
2003	51408	37552.784	37372.443	180.341	0.351	0.480	622.464	454.701	452.517	2.184
2004	51399	37527.823	37245.417	282.406	0.549	0.753	615.898	449.684	446.300	3.384
2005	51421	37486.186	37141.225	344.962	0.671	0.920	609.074	444.018	439.932	4.086
2006	51355	37409.496	36881.475	528.021	1.028	1.411	602.712	439.045	432.848	6.197
2007	51839	37602.867	36963.185	639.683	1.234	1.701	602.056	436.718	429.289	7.429
2008	50976	36986.957	36314.385	672.571	1.319	1.818	585.355	424.719	416.996	7.723
2009	51193	37201.944	36393.150	808.794	1.580	2.174	581.003	422.215	413.036	9.179

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	708156.385	3748.454	0.382	0.527	619.890	450.053	447.683	2.370

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.358	6.637	0.007	0.054	1311.71	172.682	172.589	0.093
1993	93679	12401.934	12378.151	23.783	0.025	0.192	1292.22	171.073	170.745	0.328
1994	90832	12128.576	12092.558	36.018	0.040	0.297	1233.90	164.759	164.270	0.489
1995	89698	11958.696	11911.737	46.959	0.052	0.393	1199.20	159.879	159.252	0.628
1996	88286	12020.749	11977.335	43.415	0.049	0.361	1164.54	158.560	157.987	0.573
1997	84777	11593.724	11535.340	58.384	0.069	0.504	1102.56	150.782	150.022	0.759
1998	82517	11337.035	11231.562	105.473	0.128	0.930	1058.04	145.364	144.011	1.352
1999	93939	13027.458	12838.658	188.800	0.201	1.449	1188.25	164.787	162.399	2.388
2000	90039	12607.547	12395.499	212.048	0.236	1.682	1124.63	157.474	154.825	2.649
2001	86119	12350.451	12065.331	285.120	0.331	2.309	1063.62	152.535	149.014	3.521
2002	83014	12112.097	11800.536	311.561	0.375	2.572	1014.99	148.092	144.282	3.809
2003	79302	11683.252	11307.178	376.074	0.474	3.219	960.214	141.465	136.911	4.554
2004	73861	11139.095	10655.036	484.059	0.655	4.346	885.053	133.476	127.676	5.800
2005	71649	10884.683	10324.358	560.325	0.782	5.148	848.672	128.927	122.291	6.637
2006	67551	10397.565	9716.807	680.757	1.008	6.547	792.791	122.028	114.038	7.989
2007	63503	9785.831	9016.308	769.523	1.212	7.864	737.521	113.652	104.715	8.937
2008	63171	9922.524	9091.193	831.332	1.316	8.378	725.389	113.940	104.394	9.546
2009	59747	9483.598	8590.118	893.480	1.495	9.421	678.085	107.632	97.492	10.140

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	226569.103	5913.447	0.358	2.544	1043.56	146.971	143.233	3.738

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 30 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.945	1.502	0.005	0.049	455.708	43.324	43.303	0.021
1993	32768	3114.516	3108.141	6.375	0.019	0.205	452.005	42.962	42.874	0.088
1994	33005	3168.398	3158.806	9.593	0.029	0.303	448.353	43.041	42.910	0.130
1995	33730	3200.274	3186.403	13.871	0.041	0.433	450.946	42.785	42.600	0.185
1996	33750	3234.738	3221.438	13.300	0.039	0.411	445.180	42.668	42.492	0.175
1997	33699	3240.665	3230.716	9.949	0.030	0.307	438.271	42.146	42.017	0.129
1998	33274	3171.578	3145.713	25.864	0.078	0.816	426.640	40.666	40.334	0.332
1999	33891	3153.786	3105.890	47.897	0.141	1.519	428.694	39.893	39.287	0.606
2000	33827	3237.043	3169.641	67.402	0.199	2.082	422.514	40.432	39.590	0.842
2001	32506	3110.972	3019.429	91.543	0.282	2.943	401.468	38.422	37.292	1.131
2002	32078	3123.298	3018.679	104.619	0.326	3.350	392.210	38.188	36.909	1.279
2003	30568	3025.984	2903.222	122.762	0.402	4.057	370.127	36.640	35.153	1.486
2004	29388	2983.453	2821.812	161.641	0.550	5.418	352.147	35.750	33.813	1.937
2005	27954	2926.679	2739.577	187.102	0.669	6.393	331.111	34.666	32.450	2.216
2006	27201	2889.308	2668.008	221.300	0.814	7.659	319.236	33.909	31.312	2.597
2007	26302	2810.025	2555.356	254.669	0.968	9.063	305.470	32.636	29.678	2.958
2008	25998	2773.025	2507.995	265.030	1.019	9.557	298.534	31.843	28.799	3.043
2009	25040	2723.293	2430.116	293.177	1.171	10.766	284.186	30.907	27.580	3.327

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59393.654	1898.089	0.304	3.097	394.195	38.747	37.548	1.200

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11979.005	2.248	0.008	0.019	375.483	167.689	167.658	0.031
1993	29774	13348.134	13344.224	3.910	0.013	0.029	410.705	184.125	184.071	0.054
1994	29804	13404.876	13405.979	-1.103	-0.004	-0.008	404.869	182.097	182.112	-0.015
1995	29755	13407.404	13404.190	3.215	0.011	0.024	397.803	179.248	179.205	0.043
1996	30900	14056.435	14087.880	-31.445	-0.102	-0.224	407.587	185.412	185.826	-0.415
1997	31128	14163.848	14191.626	-27.778	-0.089	-0.196	404.834	184.207	184.569	-0.361
1998	32096	14738.220	14752.736	-14.516	-0.045	-0.098	411.536	188.974	189.160	-0.186
1999	34616	15867.376	15884.789	-17.413	-0.050	-0.110	437.865	200.710	200.930	-0.220
2000	34299	15766.470	15763.706	2.764	0.008	0.018	428.409	196.930	196.895	0.035
2001	34592	16091.193	16091.576	-0.384	-0.001	-0.002	427.231	198.736	198.740	-0.005
2002	34291	16120.902	16130.800	-9.898	-0.029	-0.061	419.268	197.106	197.227	-0.121
2003	35074	16455.810	16397.879	57.931	0.165	0.352	424.687	199.252	198.551	0.701
2004	33512	15694.580	15569.303	125.277	0.374	0.798	401.564	188.063	186.562	1.501
2005	35392	16549.102	16354.108	194.994	0.551	1.178	419.213	196.022	193.712	2.310
2006	33981	15926.096	15580.905	345.191	1.016	2.167	398.807	186.912	182.860	4.051
2007	34000	15778.477	15365.705	412.773	1.214	2.616	394.875	183.251	178.457	4.794
2008	37425	17438.838	16946.776	492.062	1.315	2.822	429.749	200.249	194.599	5.650
2009	36826	17214.158	16623.257	590.901	1.605	3.433	417.948	195.368	188.662	6.706

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294504.289	2132.944	0.330	0.719	408.132	187.528	186.180	1.348

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA16
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 31, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 31, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Assumption Set	SET4SA16

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000200	0.000200	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000200	0.000200	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000200	0.000200	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000200	0.000200	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000200	0.000200	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000200	0.000200	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000200	0.000200	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000200	0.000200	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000200	0.000200	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000200	0.000200	0.004000

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 31, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 31, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2462.00	26.83	146.00	5.45			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	87.00	0.95					
5	All Ages	Former	2596.00	28.29			15.51	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	4.00	1.30			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	115.00	12.00			4.89	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	9.00	2.38			
5	30-34	Current MRTP	16.00	1.49					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	15.00	4.26			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	6.00	0.55					
5	35-39	Former	253.00	23.36			7.78	20.00	7.91
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2260.00	24.11	242.00	8.95			
10	All Ages	Current MRTP	266.00	2.84					
10	All Ages	Current Dual	179.00	1.91					
10	All Ages	Former	2597.00	27.70			17.21	166.00	6.39

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	44.00	4.91					
10	20-24	Former	20.00	2.23			1.95	9.00	45.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	5.00	1.66			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	60.00	6.56			4.87	17.00	28.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	248.00	25.89	11.00	3.48			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	143.00	14.93			7.97	14.00	9.79

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	20.00	5.57			
10	35-39	Current MRTP	29.00	2.70					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	286.00	26.41	26.00	8.20			
10	40-44	Current MRTP	21.00	1.94					
10	40-44	Current Dual	10.00	0.92					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.89			
10	45-49	Current MRTP	16.00	1.64					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	288.00	29.60			15.75	15.00	5.21

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	119.00	22.71	18.00	13.53			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.33			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	255.00	49.51			21.62	16.00	6.27
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1978.00	22.16	303.00	11.93			
15	All Ages	Current MRTP	357.00	4.00					
15	All Ages	Current Dual	204.00	2.29					
15	All Ages	Former	2520.00	28.23			18.73	139.00	5.52
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	174.00	19.42	2.00	0.71			
15	25-29	Current MRTP	56.00	6.25					
15	25-29	Current Dual	53.00	5.92					
15	25-29	Former	48.00	5.36			4.00	11.00	22.92
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	219.00	23.93	11.00	3.62			
15	30-34	Current MRTP	42.00	4.59					
15	30-34	Current Dual	43.00	4.70					
15	30-34	Former	86.00	9.40			6.84	14.00	16.28
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	225.00	23.49	22.00	7.26			
15	35-39	Current MRTP	48.00	5.01					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	165.00	17.22			10.75	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	35.00	3.26					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	262.00	24.39			12.64	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	257.00	23.73	40.00	13.07			
15	45-49	Current MRTP	37.00	3.42					
15	45-49	Current Dual	12.00	1.11					
15	45-49	Former	299.00	27.61			14.85	9.00	3.01
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	26.00	10.48			
15	50-54	Current MRTP	25.00	2.57					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	319.00	32.79			18.32	14.00	4.39
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	29.00	3.38					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	327.00	38.07			20.18	19.00	5.81
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	34.00	18.58			
15	60-64	Current MRTP	29.00	4.60					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	255.00	40.48			22.88	13.00	5.10
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	108.00	20.61	28.00	21.54			
15	65-69	Current MRTP	14.00	2.67					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	239.00	45.61			22.49	9.00	3.77
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.41			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	255.00	49.51			24.83	8.00	3.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1634.00	19.39	351.00	15.47			

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	405.00	4.81					
20	All Ages	Current Dual	230.00	2.73					
20	All Ages	Former	2438.00	28.93			19.81	139.00	5.70
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	161.00	17.97	7.00	2.59			
20	30-34	Current MRTP	59.00	6.58					
20	30-34	Current Dual	50.00	5.58					
20	30-34	Former	79.00	8.82			6.14	14.00	17.72
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	188.00	20.55	13.00	4.53			
20	35-39	Current MRTP	55.00	6.01					
20	35-39	Current Dual	44.00	4.81					
20	35-39	Former	113.00	12.35			8.81	14.00	12.39
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	199.00	20.77	26.00	9.19			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	185.00	19.31			13.59	10.00	5.41
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	246.00	22.91	34.00	11.26			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	19.00	1.77					
20	45-49	Former	284.00	26.44			15.62	16.00	5.63
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	216.00	19.94	47.00	16.97			
20	50-54	Current MRTP	47.00	4.34					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	328.00	30.29			17.44	15.00	4.57
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	37.00	15.95			
20	55-59	Current MRTP	32.00	3.29					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	335.00	34.43			21.24	12.00	3.58
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	49.00	23.00			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	18.00	2.10					
20	60-64	Former	338.00	39.35			22.56	16.00	4.73

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	92.00	17.56	44.00	34.11			
20	70-74	Current MRTP	25.00	4.77					
20	70-74	Current Dual	12.00	2.29					
20	70-74	Former	240.00	45.80			25.37	11.00	4.58

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.74			
20	75-79	Current MRTP	28.00	5.44					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	260.00	50.49			25.83	13.00	5.00

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.925	342.291	0.110	0.278	4656.77	1841.55	1836.44	5.114
1994	305700	120480.723	119966.754	513.969	0.168	0.427	4482.57	1766.64	1759.11	7.536
1995	303225	118666.569	117910.922	755.647	0.249	0.637	4361.58	1706.89	1696.03	10.869
1996	299559	116607.195	115649.328	957.866	0.320	0.821	4242.85	1651.58	1638.02	13.567
1997	294226	114665.051	113556.814	1108.238	0.377	0.966	4100.64	1598.09	1582.64	15.446
1998	289258	113038.380	111698.296	1340.084	0.463	1.186	3966.28	1549.97	1531.60	18.375
1999	311002	117067.463	115256.042	1811.421	0.582	1.547	4198.14	1580.27	1555.81	24.452
2000	303786	114977.407	112943.940	2033.468	0.669	1.769	4041.13	1529.49	1502.44	27.050
2001	296294	113047.319	110838.322	2208.997	0.746	1.954	3890.54	1484.39	1455.38	29.006
2002	291898	111744.742	109318.649	2426.092	0.831	2.171	3789.34	1450.64	1419.15	31.495
2003	285865	110551.854	107897.736	2654.117	0.928	2.401	3671.31	1419.80	1385.71	34.086
2004	274177	107418.262	104702.792	2715.470	0.990	2.528	3481.92	1364.16	1329.68	34.485
2005	272379	107678.770	104762.032	2916.738	1.071	2.709	3417.44	1351.01	1314.41	36.595
2006	264118	104357.806	101391.390	2966.416	1.123	2.843	3281.83	1296.71	1259.85	36.860
2007	258419	102690.449	99574.500	3115.950	1.206	3.034	3176.05	1262.10	1223.80	38.296
2008	259461	103492.166	99961.924	3530.242	1.361	3.411	3150.91	1256.82	1213.95	42.872
2009	253907	101384.044	97577.674	3806.369	1.499	3.754	3045.20	1215.94	1170.29	45.651

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237858.850	35384.83	0.609	1.557	3927.78	1535.76	1511.85	23.905

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.726	66.386	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.132	102.672	0.133	0.166	1135.48	906.276	904.771	1.506
1995	76904	61145.799	60992.156	153.643	0.200	0.251	1106.18	879.519	877.309	2.210
1996	76232	60385.323	60191.750	193.573	0.254	0.321	1079.72	855.277	852.535	2.742
1997	75473	59549.806	59338.088	211.718	0.281	0.356	1051.87	829.947	826.996	2.951
1998	75381	59292.315	58999.173	293.142	0.389	0.494	1033.62	813.010	808.991	4.020
1999	73159	57398.351	57035.342	363.009	0.496	0.632	987.557	774.807	769.907	4.900
2000	73784	57716.549	57269.222	447.327	0.606	0.775	981.515	767.777	761.826	5.951
2001	73294	57211.877	56709.163	502.715	0.686	0.879	962.399	751.230	744.629	6.601
2002	72442	56438.810	55883.631	555.179	0.766	0.984	940.422	732.673	725.466	7.207
2003	71942	55948.341	55362.443	585.898	0.814	1.047	923.937	718.533	711.009	7.525
2004	71301	55339.218	54721.764	617.454	0.866	1.116	905.490	702.783	694.941	7.841
2005	70964	54964.459	54317.994	646.465	0.911	1.176	890.360	689.620	681.509	8.111
2006	69658	53781.526	53136.093	645.434	0.927	1.200	865.543	668.268	660.248	8.020
2007	68565	52784.985	52111.225	673.760	0.983	1.276	842.687	648.745	640.464	8.281
2008	68226	52470.692	51685.523	785.169	1.151	1.496	828.542	637.208	627.673	9.535
2009	67509	51823.021	50967.843	855.178	1.267	1.650	809.661	621.533	611.277	10.256

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152249.717	7738.811	0.524	0.667	997.213	783.665	778.437	5.228

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.568	208.232	0.127	0.587	2455.45	529.744	526.633	3.111
1994	159866	34293.631	33992.130	301.502	0.189	0.879	2344.16	502.857	498.436	4.421
1995	158083	33531.695	33098.081	433.613	0.274	1.293	2273.86	482.318	476.081	6.237
1996	154875	32438.163	31892.592	545.570	0.352	1.682	2193.60	459.443	451.716	7.727
1997	149970	31179.663	30540.494	639.168	0.426	2.050	2090.14	434.552	425.644	8.908
1998	145407	29860.736	29143.661	717.076	0.493	2.401	1993.81	409.447	399.615	9.832
1999	165952	34413.904	33404.182	1009.722	0.608	2.934	2240.15	464.545	450.915	13.630
2000	160260	33265.290	32181.693	1083.597	0.676	3.257	2131.87	442.513	428.098	14.415
2001	154444	32074.102	30915.344	1158.758	0.750	3.613	2027.95	421.154	405.939	15.215
2002	151887	31817.956	30550.144	1267.813	0.835	3.985	1971.76	413.052	396.594	16.458
2003	146733	31025.931	29600.019	1425.913	0.972	4.596	1884.46	398.460	380.147	18.313
2004	138381	29503.602	28041.466	1462.136	1.057	4.956	1757.38	374.682	356.114	18.568
2005	135881	29077.894	27504.034	1573.860	1.158	5.413	1704.85	364.830	345.083	19.747
2006	131922	28385.448	26733.739	1651.708	1.252	5.819	1639.21	352.707	332.183	20.523
2007	126502	27327.625	25592.696	1734.929	1.371	6.349	1554.75	335.866	314.543	21.323
2008	125859	27025.472	25130.790	1894.682	1.505	7.011	1528.44	328.199	305.190	23.009
2009	122428	26361.626	24313.696	2047.930	1.673	7.769	1468.33	316.165	291.604	24.562

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619091.248	19265.42	0.643	3.018	2024.64	431.261	418.246	13.015

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 31 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.083	35.054	0.107	0.794	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.149	54.747	0.164	1.223	488.625	65.617	64.814	0.803
1995	33569	4476.290	4393.927	82.363	0.245	1.840	482.855	64.387	63.202	1.185
1996	33870	4489.078	4378.954	110.124	0.325	2.453	479.723	63.582	62.022	1.560
1997	33516	4444.866	4305.623	139.243	0.415	3.133	467.113	61.948	60.008	1.941
1998	32795	4313.427	4171.594	141.833	0.432	3.288	449.682	59.145	57.200	1.945
1999	33375	4232.739	4066.565	166.174	0.498	3.926	450.521	57.137	54.894	2.243
2000	33459	4307.577	4133.084	174.494	0.522	4.051	445.090	57.302	54.981	2.321
2001	32275	4136.308	3963.103	173.205	0.537	4.187	423.792	54.312	52.038	2.274
2002	31586	4079.175	3899.836	179.338	0.568	4.396	410.041	52.955	50.627	2.328
2003	30985	4096.221	3877.539	218.682	0.706	5.339	397.934	52.607	49.798	2.808
2004	29884	4034.217	3810.596	223.621	0.748	5.543	379.513	51.233	48.393	2.840
2005	28708	3944.303	3711.679	232.624	0.810	5.898	360.189	49.488	46.569	2.919
2006	28188	3970.169	3716.092	254.077	0.901	6.400	350.253	49.332	46.175	3.157
2007	28026	3957.558	3678.503	279.055	0.996	7.051	344.449	48.640	45.210	3.430
2008	27128	3812.302	3531.281	281.021	1.036	7.371	329.444	46.297	42.884	3.413
2009	27068	3827.467	3507.318	320.149	1.183	8.365	324.637	45.904	42.065	3.840

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81377.809	3079.695	0.490	3.646	424.421	57.058	54.977	2.081

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.549	32.620	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.344	55.049	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.757	86.027	0.248	0.441	498.677	280.671	279.434	1.237
1996	34582	19294.631	19186.032	108.599	0.314	0.563	489.808	273.283	271.744	1.538
1997	35267	19490.717	19372.609	118.108	0.335	0.606	491.517	271.643	269.997	1.646
1998	35675	19571.902	19383.868	188.034	0.527	0.961	489.172	268.368	265.790	2.578
1999	38516	21022.469	20749.953	272.515	0.708	1.296	519.919	283.777	280.099	3.679
2000	36283	19687.992	19359.942	328.050	0.904	1.666	482.656	261.900	257.536	4.364
2001	36281	19625.032	19250.712	374.320	1.032	1.907	476.394	257.690	252.775	4.915
2002	35983	19408.801	18985.038	423.762	1.178	2.183	467.122	251.960	246.459	5.501
2003	36205	19481.360	19057.736	423.624	1.170	2.175	464.974	250.195	244.755	5.441
2004	34611	18541.224	18128.966	412.259	1.191	2.223	439.544	235.465	230.230	5.235
2005	36826	19692.114	19228.325	463.789	1.259	2.355	462.043	247.070	241.251	5.819
2006	34350	18220.663	17805.466	415.197	1.209	2.279	426.820	226.403	221.244	5.159
2007	35326	18620.282	18192.076	428.206	1.212	2.300	434.168	228.849	223.587	5.263
2008	38248	20183.701	19614.331	569.370	1.489	2.821	464.487	245.112	238.198	6.914
2009	36902	19371.930	18788.818	583.112	1.580	3.010	442.580	232.335	225.342	6.993

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385140.076	5300.898	0.744	1.358	481.512	263.774	260.193	3.581

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA16
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 32, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 32, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA16

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.000200	0.000200	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000200	0.000200	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000200	0.000200	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000200	0.000200	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000200	0.000200	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000200	0.000200	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000200	0.000200	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000200	0.000200	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000200	0.000200	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000200	0.000200	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000200	0.000200	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000200	0.000200	0.004000

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 32, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 32, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	112.00	1.23					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1991.00	21.93			14.75	110.00	5.52

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.16			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	28.00	3.32			2.93	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1853.00	20.34	187.00	8.48			
10	All Ages	Current MRTP	228.00	2.50					
10	All Ages	Current Dual	124.00	1.36					
10	All Ages	Former	2006.00	22.02			16.25	107.00	5.33

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	30.00	3.69					
10	20-24	Former	17.00	2.09			2.65	5.00	29.41

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.85			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	51.00	6.04			5.04	11.00	21.57

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	14.00	6.09			
10	30-34	Current MRTP	26.00	3.13					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	160.00	19.25			8.90	11.00	6.88

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.23	9.00	4.62

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	18.00	6.25			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	7.00	0.62					
10	40-44	Former	273.00	24.33			11.41	17.00	6.23

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	19.00	2.34					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	26.00	31.71			
10	75-79	Current MRTP	17.00	3.15					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	177.00	32.84			26.80	11.00	6.21
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1559.00	18.19	238.00	11.82			
15	All Ages	Current MRTP	287.00	3.35					
15	All Ages	Current Dual	167.00	1.95					
15	All Ages	Former	2034.00	23.73			17.35	131.00	6.44
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	2.00	0.87			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	41.00	5.04					
15	25-29	Former	36.00	4.43			3.92	14.00	38.89
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.28			
15	30-34	Current MRTP	53.00	6.28					
15	30-34	Current Dual	33.00	3.91					
15	30-34	Former	80.00	9.48			6.66	15.00	18.75
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	160.00	19.25	24.00	11.43			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	19.00	2.29					
15	35-39	Former	187.00	22.50			11.71	12.00	6.42
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.41			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	215.00	21.52			14.23	9.00	4.19
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	227.00	20.23	24.00	8.92			
15	45-49	Current MRTP	30.00	2.67					
15	45-49	Current Dual	12.00	1.07					
15	45-49	Former	292.00	26.02			14.85	15.00	5.14
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	20.00	2.47					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1303.00	16.22	262.00	14.71			

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	305.00	3.80					
20	All Ages	Current Dual	173.00	2.15					
20	All Ages	Former	2027.00	25.23			18.88	119.00	5.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	139.00	17.10	4.00	1.72			
20	30-34	Current MRTP	49.00	6.03					
20	30-34	Current Dual	44.00	5.41					
20	30-34	Former	60.00	7.38			5.78	12.00	20.00

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	159.00	18.84	12.00	4.71			
20	35-39	Current MRTP	60.00	7.11					
20	35-39	Current Dual	36.00	4.27					
20	35-39	Former	111.00	13.15			8.50	17.00	15.32

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	137.00	16.49	28.00	14.74			
20	40-44	Current MRTP	36.00	4.33					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	207.00	24.91			14.96	6.00	2.90

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	200.00	20.02	38.00	15.02			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	24.00	2.40					
20	45-49	Former	236.00	23.62			16.94	8.00	3.39

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	32.00	12.96			
20	50-54	Current MRTP	32.00	2.85					
20	50-54	Current Dual	15.00	1.34					
20	50-54	Former	314.00	27.99			17.71	16.00	5.10

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	26.00	34.21			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	162.00	33.20			24.52	13.00	8.02

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.435	74.804	0.037	0.119	2725.82	851.622	850.606	1.016
1995	201023	63132.954	63012.969	119.985	0.060	0.190	2687.54	844.043	842.439	1.604
1996	201180	64309.880	64221.693	88.187	0.044	0.137	2653.67	848.280	847.117	1.163
1997	198639	64547.894	64419.892	128.002	0.064	0.198	2583.39	839.475	837.810	1.665
1998	197573	65384.866	65132.898	251.968	0.128	0.385	2533.29	838.367	835.136	3.231
1999	211329	67554.762	67154.654	400.107	0.189	0.592	2673.14	854.513	849.452	5.061
2000	208496	68184.366	67668.087	516.279	0.248	0.757	2604.20	851.652	845.203	6.449
2001	203606	68286.060	67624.247	661.814	0.325	0.969	2514.65	843.372	835.199	8.174
2002	200828	68983.996	68250.595	733.401	0.365	1.063	2455.47	843.450	834.483	8.967
2003	196352	68717.830	67758.770	959.060	0.488	1.396	2377.49	832.057	820.445	11.613
2004	188160	67344.952	66067.223	1277.729	0.679	1.897	2254.66	806.974	791.663	15.311
2005	186416	67846.650	66348.309	1498.341	0.804	2.208	2208.07	803.634	785.886	17.748
2006	180088	66622.465	64657.876	1964.589	1.091	2.949	2113.55	781.893	758.837	23.057
2007	175644	65977.201	63670.492	2306.709	1.313	3.496	2039.92	766.256	739.466	26.790
2008	177570	67121.344	64611.033	2510.310	1.414	3.740	2039.03	770.751	741.925	28.826
2009	172806	66622.993	63758.163	2864.830	1.658	4.300	1961.22	756.123	723.609	32.514

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285883.663	16432.70	0.421	1.262	2465.77	823.300	812.912	10.388

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.367	12.022	0.026	0.035	638.697	461.725	461.562	0.163
1995	47840	34566.580	34544.618	21.962	0.046	0.064	639.587	462.131	461.837	0.294
1996	48244	34997.958	34994.530	3.428	0.007	0.010	636.363	461.641	461.596	0.045
1997	49035	35549.658	35534.648	15.009	0.031	0.042	637.723	462.340	462.144	0.195
1998	49686	36138.033	36092.104	45.929	0.092	0.127	637.076	463.363	462.774	0.589
1999	48883	35506.142	35438.161	67.981	0.139	0.191	618.331	449.124	448.264	0.860
2000	50331	36573.306	36468.355	104.951	0.209	0.287	628.656	456.816	455.505	1.311
2001	50389	36733.445	36594.062	139.383	0.277	0.379	622.333	453.679	451.958	1.721
2002	51445	37627.700	37459.520	168.180	0.327	0.447	629.005	460.065	458.008	2.056
2003	51408	37552.784	37309.035	243.749	0.474	0.649	622.464	454.701	451.750	2.951
2004	51399	37527.823	37179.908	347.915	0.677	0.927	615.898	449.684	445.515	4.169
2005	51421	37486.186	37080.571	405.616	0.789	1.082	609.074	444.018	439.214	4.804
2006	51355	37409.496	36828.924	580.572	1.131	1.552	602.712	439.045	432.231	6.814
2007	51839	37602.867	36894.756	708.112	1.366	1.883	602.056	436.718	428.494	8.224
2008	50976	36986.957	36242.347	744.609	1.461	2.013	585.355	424.719	416.169	8.550
2009	51193	37201.944	36309.717	892.227	1.743	2.398	581.003	422.215	412.089	10.126

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707384.881	4519.958	0.461	0.635	619.890	450.053	447.195	2.857

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12082.075	46.501	0.051	0.383	1233.90	164.759	164.128	0.632
1995	89698	11958.696	11892.811	65.885	0.073	0.551	1199.20	159.879	158.999	0.881
1996	88286	12020.749	11945.505	75.244	0.085	0.626	1164.54	158.560	157.567	0.993
1997	84777	11593.724	11496.575	97.148	0.115	0.838	1102.56	150.782	149.518	1.263
1998	82517	11337.035	11186.601	150.434	0.182	1.327	1058.04	145.364	143.435	1.929
1999	93939	13027.458	12779.422	248.035	0.264	1.904	1188.25	164.787	161.649	3.137
2000	90039	12607.547	12329.725	277.822	0.309	2.204	1124.63	157.474	154.003	3.470
2001	86119	12350.451	11992.978	357.473	0.415	2.894	1063.62	152.535	148.120	4.415
2002	83014	12112.097	11720.519	391.577	0.472	3.233	1014.99	148.092	143.304	4.788
2003	79302	11683.252	11226.935	456.317	0.575	3.906	960.214	141.465	135.939	5.525
2004	73861	11139.095	10572.605	566.490	0.767	5.086	885.053	133.476	126.688	6.788
2005	71649	10884.683	10244.160	640.523	0.894	5.885	848.672	128.927	121.341	7.587
2006	67551	10397.565	9635.662	761.903	1.128	7.328	792.791	122.028	113.086	8.942
2007	63503	9785.831	8924.221	861.611	1.357	8.805	737.521	113.652	103.646	10.007
2008	63171	9922.524	8990.342	932.182	1.476	9.395	725.389	113.940	103.236	10.704
2009	59747	9483.598	8481.279	1002.319	1.678	10.569	678.085	107.632	96.256	11.376

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225515.462	6967.088	0.422	2.997	1043.56	146.971	142.567	4.404

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 32 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.157	13.241	0.040	0.418	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.309	20.965	0.062	0.655	450.946	42.785	42.505	0.280
1996	33750	3234.738	3208.912	25.827	0.077	0.798	445.180	42.668	42.327	0.341
1997	33699	3240.665	3214.561	26.103	0.077	0.805	438.271	42.146	41.807	0.339
1998	33274	3171.578	3127.941	43.637	0.131	1.376	426.640	40.666	40.107	0.560
1999	33891	3153.786	3086.758	67.028	0.198	2.125	428.694	39.893	39.045	0.848
2000	33827	3237.043	3150.154	86.889	0.257	2.684	422.514	40.432	39.347	1.085
2001	32506	3110.972	3001.431	109.541	0.337	3.521	401.468	38.422	37.069	1.353
2002	32078	3123.298	2997.597	125.701	0.392	4.025	392.210	38.188	36.651	1.537
2003	30568	3025.984	2882.042	143.942	0.471	4.757	370.127	36.640	34.897	1.743
2004	29388	2983.453	2798.730	184.724	0.629	6.192	352.147	35.750	33.536	2.213
2005	27954	2926.679	2717.249	209.430	0.749	7.156	331.111	34.666	32.185	2.481
2006	27201	2889.308	2643.179	246.129	0.905	8.519	319.236	33.909	31.021	2.889
2007	26302	2810.025	2527.162	282.863	1.075	10.066	305.470	32.636	29.350	3.285
2008	25998	2773.025	2476.699	296.325	1.140	10.686	298.534	31.843	28.440	3.403
2009	25040	2723.293	2395.914	327.379	1.307	12.021	284.186	30.907	27.192	3.716

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59071.813	2219.930	0.356	3.622	394.195	38.747	37.344	1.403

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.835	3.041	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.230	11.174	0.038	0.083	397.803	179.248	179.098	0.149
1996	30900	14056.435	14072.747	-16.312	-0.053	-0.116	407.587	185.412	185.627	-0.215
1997	31128	14163.848	14174.107	-10.259	-0.033	-0.072	404.834	184.207	184.341	-0.133
1998	32096	14738.220	14726.251	11.969	0.037	0.081	411.536	188.974	188.820	0.153
1999	34616	15867.376	15850.313	17.064	0.049	0.108	437.865	200.710	200.494	0.216
2000	34299	15766.470	15719.853	46.617	0.136	0.296	428.409	196.930	196.348	0.582
2001	34592	16091.193	16035.776	55.417	0.160	0.344	427.231	198.736	198.051	0.684
2002	34291	16120.902	16072.959	47.943	0.140	0.297	419.268	197.106	196.520	0.586
2003	35074	16455.810	16340.759	115.051	0.328	0.699	424.687	199.252	197.859	1.393
2004	33512	15694.580	15515.980	178.600	0.533	1.138	401.564	188.063	185.923	2.140
2005	35392	16549.102	16306.330	242.771	0.686	1.467	419.213	196.022	193.146	2.876
2006	33981	15926.096	15550.112	375.984	1.106	2.361	398.807	186.912	182.499	4.413
2007	34000	15778.477	15324.353	454.124	1.336	2.878	394.875	183.251	177.976	5.274
2008	37425	17438.838	16901.644	537.194	1.435	3.080	429.749	200.249	194.081	6.169
2009	36826	17214.158	16571.253	642.905	1.746	3.735	417.948	195.368	188.072	7.297

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293911.508	2725.725	0.422	0.919	408.132	187.528	185.805	1.723

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 33

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA17
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 33, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 33, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Assumption Set	SET4SA17

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.002000	0.002000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.002000	0.002000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.002000	0.002000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.002000	0.002000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.002000	0.002000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.002000	0.002000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.002000	0.002000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.002000	0.002000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.002000	0.002000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.002000	0.002000	0.004000

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 33, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 33, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2462.00	26.83	142.00	5.31			
5	All Ages	Current MRTP	132.00	1.44					
5	All Ages	Current Dual	80.00	0.87					
5	All Ages	Former	2602.00	28.35			15.47	152.00	5.84

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	9.00	2.65					
5	18-19	Former	3.00	0.88			0.67	2.00	66.67

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	4.00	1.30			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	7.00	0.73					
5	25-29	Former	115.00	12.00			4.89	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	8.00	2.13			
5	30-34	Current MRTP	16.00	1.49					
5	30-34	Current Dual	8.00	0.74					
5	30-34	Former	204.00	18.99			6.35	25.00	12.25
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	15.00	11.72			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	246.00	47.77			18.93	7.00	2.85
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	14.00	18.18			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	214.00	59.61			23.80	9.00	4.21

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2267.00	24.18	242.00	8.97			
10	All Ages	Current MRTP	284.00	3.03					
10	All Ages	Current Dual	147.00	1.57					
10	All Ages	Former	2604.00	27.78			17.18	167.00	6.41

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	42.00	4.69					
10	20-24	Current Dual	34.00	3.79					
10	20-24	Former	24.00	2.68			2.00	12.00	50.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	241.00	26.34	6.00	1.99			
10	25-29	Current MRTP	30.00	3.28					
10	25-29	Current Dual	31.00	3.39					
10	25-29	Former	60.00	6.56			4.90	16.00	26.67

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	250.00	26.10	11.00	3.49			
10	30-34	Current MRTP	44.00	4.59					
10	30-34	Current Dual	21.00	2.19					
10	30-34	Former	144.00	15.03			7.94	13.00	9.03

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	317.00	29.52	20.00	5.59			
10	35-39	Current MRTP	31.00	2.89					
10	35-39	Current Dual	10.00	0.93					
10	35-39	Former	228.00	21.23			9.94	14.00	6.14

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	23.00	7.32			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	6.00	0.55					
10	40-44	Former	291.00	26.87			10.81	24.00	8.25

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	257.00	26.41	23.00	8.19			
10	45-49	Current MRTP	18.00	1.85					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	286.00	29.39			15.85	14.00	4.90

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.08			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	311.00	36.20			17.12	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	19.00	14.29			
10	60-64	Current MRTP	8.00	1.53					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	236.00	45.04			19.49	14.00	5.93
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	100.00	19.42	22.00	18.49			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	255.00	49.51			21.66	14.00	5.49
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	102.00	20.40	32.00	26.45			
10	70-74	Current MRTP	15.00	3.00					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	259.00	51.80			24.39	17.00	6.56
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.50			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	262.00	58.48			24.86	14.00	5.34
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2006.00	22.47	307.00	12.11			
15	All Ages	Current MRTP	378.00	4.23					
15	All Ages	Current Dual	152.00	1.70					
15	All Ages	Former	2523.00	28.26			18.73	134.00	5.31
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	179.00	19.98	1.00	0.36			
15	25-29	Current MRTP	60.00	6.70					
15	25-29	Current Dual	39.00	4.35					
15	25-29	Former	53.00	5.92			4.17	13.00	24.53
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	221.00	24.15	12.00	3.95			
15	30-34	Current MRTP	49.00	5.36					
15	30-34	Current Dual	34.00	3.72					
15	30-34	Former	86.00	9.40			6.90	13.00	15.12
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	229.00	23.90	23.00	7.59			
15	35-39	Current MRTP	53.00	5.53					
15	35-39	Current Dual	21.00	2.19					
15	35-39	Former	165.00	17.22			10.78	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	275.00	25.61	26.00	8.05			
15	40-44	Current MRTP	38.00	3.54					
15	40-44	Current Dual	10.00	0.93					
15	40-44	Former	263.00	24.49			12.66	14.00	5.32
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	258.00	23.82	36.00	11.92			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	8.00	0.74					
15	45-49	Former	303.00	27.98			14.72	10.00	3.30
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	217.00	22.30	29.00	11.51			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	315.00	32.37			18.49	13.00	4.13
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	185.00	21.54	37.00	16.67			
15	55-59	Current MRTP	29.00	3.38					
15	55-59	Current Dual	8.00	0.93					
15	55-59	Former	329.00	38.30			20.10	18.00	5.47
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	151.00	23.97	37.00	19.89			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	252.00	40.00			23.14	10.00	3.97
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	111.00	21.18	29.00	22.31			
15	65-69	Current MRTP	14.00	2.67					
15	65-69	Current Dual	5.00	0.95					
15	65-69	Former	239.00	45.61			22.46	10.00	4.18
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	90.00	17.48	35.00	29.17			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	254.00	49.32			24.95	7.00	2.76
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	90.00	18.00	42.00	36.21			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	264.00	52.80			26.15	10.00	3.79
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1672.00	19.84	351.00	15.52			

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	428.00	5.08					
20	All Ages	Current Dual	161.00	1.91					
20	All Ages	Former	2446.00	29.03			19.77	143.00	5.85
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	167.00	18.64	4.00	1.52			
20	30-34	Current MRTP	65.00	7.25					
20	30-34	Current Dual	32.00	3.57					
20	30-34	Former	85.00	9.49			6.35	16.00	18.82
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	196.00	21.42	15.00	5.23			
20	35-39	Current MRTP	61.00	6.67					
20	35-39	Current Dual	30.00	3.28					
20	35-39	Former	113.00	12.35			8.94	12.00	10.62
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	205.00	21.40	27.00	9.51			
20	40-44	Current MRTP	56.00	5.85					
20	40-44	Current Dual	23.00	2.40					
20	40-44	Former	184.00	19.21			13.66	11.00	5.98
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	251.00	23.37	37.00	12.13			
20	45-49	Current MRTP	41.00	3.82					
20	45-49	Current Dual	13.00	1.21					
20	45-49	Former	281.00	26.16			15.73	16.00	5.69
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	217.00	20.04	43.00	15.75			
20	50-54	Current MRTP	47.00	4.34					
20	50-54	Current Dual	9.00	0.83					
20	50-54	Former	332.00	30.66			17.35	15.00	4.52
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	188.00	19.32	37.00	16.02			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	336.00	34.53			21.08	17.00	5.06
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	163.00	18.98	49.00	23.00			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	16.00	1.86					
20	60-64	Former	338.00	39.35			22.60	15.00	4.44

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	118.00	18.73	43.00	26.71			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	6.00	0.95					
20	65-69	Former	277.00	43.97			23.81	18.00	6.50

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	43.00	34.13			
20	70-74	Current MRTP	25.00	4.77					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	243.00	46.37			25.06	11.00	4.53

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	73.00	14.17	53.00	45.30			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	15.00	2.91					
20	75-79	Former	257.00	49.90			26.12	12.00	4.67

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Main Results for E-Component Summarized over Simulations for Run: 33

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122924.545	344.672	0.111	0.280	4656.77	1841.55	1836.40	5.149
1994	305700	120480.723	119962.321	518.402	0.170	0.430	4482.57	1766.64	1759.04	7.601
1995	303225	118666.569	117902.219	764.349	0.252	0.644	4361.58	1706.89	1695.90	10.994
1996	299559	116607.195	115634.410	972.785	0.325	0.834	4242.85	1651.58	1637.81	13.778
1997	294226	114665.051	113545.267	1119.784	0.381	0.977	4100.64	1598.09	1582.48	15.606
1998	289258	113038.380	111685.149	1353.231	0.468	1.197	3966.28	1549.97	1531.42	18.555
1999	311002	117067.463	115245.122	1822.341	0.586	1.557	4198.14	1580.27	1555.67	24.599
2000	303786	114977.407	112931.768	2045.639	0.673	1.779	4041.13	1529.49	1502.28	27.212
2001	296294	113047.319	110817.085	2230.234	0.753	1.973	3890.54	1484.39	1455.10	29.284
2002	291898	111744.742	109285.866	2458.876	0.842	2.200	3789.34	1450.64	1418.72	31.920
2003	285865	110551.854	107865.425	2686.429	0.940	2.430	3671.31	1419.80	1385.29	34.501
2004	274177	107418.262	104692.246	2726.016	0.994	2.538	3481.92	1364.16	1329.54	34.619
2005	272379	107678.770	104787.751	2891.018	1.061	2.685	3417.44	1351.01	1314.73	36.273
2006	264118	104357.806	101428.891	2928.916	1.109	2.807	3281.83	1296.71	1260.32	36.394
2007	258419	102690.449	99597.615	3092.834	1.197	3.012	3176.05	1262.10	1224.09	38.012
2008	259461	103492.166	99983.072	3509.094	1.352	3.391	3150.91	1256.82	1214.20	42.615
2009	253907	101384.044	97590.398	3793.646	1.494	3.742	3045.20	1215.94	1170.44	45.499

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237803.960	35439.72	0.610	1.559	3927.78	1535.76	1511.82	23.942

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Main Results for E-Component Summarized over Simulations for Run: 33

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.146	66.965	0.085	0.106	1173.36	939.428	938.428	1.000
1994	77437	61805.804	61702.032	103.772	0.134	0.168	1135.48	906.276	904.755	1.522
1995	76904	61145.799	60990.166	155.634	0.202	0.255	1106.18	879.519	877.280	2.239
1996	76232	60385.323	60188.021	197.302	0.259	0.327	1079.72	855.277	852.483	2.795
1997	75473	59549.806	59336.372	213.434	0.283	0.358	1051.87	829.947	826.972	2.975
1998	75381	59292.315	58997.622	294.692	0.391	0.497	1033.62	813.010	808.969	4.041
1999	73159	57398.351	57035.307	363.044	0.496	0.632	987.557	774.807	769.907	4.901
2000	73784	57716.549	57268.410	448.139	0.607	0.776	981.515	767.777	761.815	5.961
2001	73294	57211.877	56706.900	504.977	0.689	0.883	962.399	751.230	744.599	6.631
2002	72442	56438.810	55878.391	560.419	0.774	0.993	940.422	732.673	725.398	7.275
2003	71942	55948.341	55356.725	591.616	0.822	1.057	923.937	718.533	710.935	7.598
2004	71301	55339.218	54722.758	616.460	0.865	1.114	905.490	702.783	694.954	7.829
2005	70964	54964.459	54327.028	637.431	0.898	1.160	890.360	689.620	681.622	7.998
2006	69658	53781.526	53147.142	634.385	0.911	1.180	865.543	668.268	660.386	7.883
2007	68565	52784.985	52119.293	665.691	0.971	1.261	842.687	648.745	640.563	8.182
2008	68226	52470.692	51693.202	777.491	1.140	1.482	828.542	637.208	627.766	9.442
2009	67509	51823.021	50973.600	849.421	1.258	1.639	809.661	621.533	611.346	10.187

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152267.566	7720.962	0.523	0.666	997.213	783.665	778.449	5.216

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Main Results for E-Component Summarized over Simulations for Run: 33

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35250.614	209.187	0.127	0.590	2455.45	529.744	526.619	3.125
1994	159866	34293.631	33990.358	303.274	0.190	0.884	2344.16	502.857	498.410	4.447
1995	158083	33531.695	33094.068	437.626	0.277	1.305	2273.86	482.318	476.024	6.295
1996	154875	32438.163	31885.667	552.496	0.357	1.703	2193.60	459.443	451.618	7.825
1997	149970	31179.663	30532.062	647.601	0.432	2.077	2090.14	434.552	425.526	9.026
1998	145407	29860.736	29133.382	727.354	0.500	2.436	1993.81	409.447	399.474	9.973
1999	165952	34413.904	33391.946	1021.959	0.616	2.970	2240.15	464.545	450.750	13.795
2000	160260	33265.290	32169.874	1095.416	0.684	3.293	2131.87	442.513	427.941	14.572
2001	154444	32074.102	30899.020	1175.082	0.761	3.664	2027.95	421.154	405.725	15.430
2002	151887	31817.956	30528.868	1289.088	0.849	4.051	1971.76	413.052	396.318	16.735
2003	146733	31025.931	29579.522	1446.410	0.986	4.662	1884.46	398.460	379.884	18.576
2004	138381	29503.602	28028.265	1475.337	1.066	5.001	1757.38	374.682	355.946	18.736
2005	135881	29077.894	27510.306	1567.588	1.154	5.391	1704.85	364.830	345.162	19.668
2006	131922	28385.448	26747.543	1637.905	1.242	5.770	1639.21	352.707	332.355	20.352
2007	126502	27327.625	25599.002	1728.624	1.366	6.326	1554.75	335.866	314.620	21.245
2008	125859	27025.472	25135.377	1890.095	1.502	6.994	1528.44	328.199	305.246	22.953
2009	122428	26361.626	24313.283	2048.343	1.673	7.770	1468.33	316.165	291.599	24.567

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	618994.074	19362.60	0.646	3.033	2024.64	431.261	418.180	13.081

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Main Results for E-Component Summarized over Simulations for Run: 33

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 33 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4378.917	35.219	0.107	0.798	491.442	65.944	65.418	0.526
1994	33323	4474.895	4419.839	55.057	0.165	1.230	488.625	65.617	64.809	0.807
1995	33569	4476.290	4393.172	83.119	0.248	1.857	482.855	64.387	63.191	1.196
1996	33870	4489.078	4377.756	111.322	0.329	2.480	479.723	63.582	62.005	1.577
1997	33516	4444.866	4304.361	140.505	0.419	3.161	467.113	61.948	59.990	1.958
1998	32795	4313.427	4170.184	143.243	0.437	3.321	449.682	59.145	57.181	1.964
1999	33375	4232.739	4065.693	167.045	0.501	3.947	450.521	57.137	54.882	2.255
2000	33459	4307.577	4132.340	175.237	0.524	4.068	445.090	57.302	54.971	2.331
2001	32275	4136.308	3961.519	174.789	0.542	4.226	423.792	54.312	52.017	2.295
2002	31586	4079.175	3897.473	181.702	0.575	4.454	410.041	52.955	50.596	2.359
2003	30985	4096.221	3875.433	220.789	0.713	5.390	397.934	52.607	49.771	2.836
2004	29884	4034.217	3809.828	224.389	0.751	5.562	379.513	51.233	48.383	2.850
2005	28708	3944.303	3713.998	230.305	0.802	5.839	360.189	49.488	46.598	2.890
2006	28188	3970.169	3720.840	249.330	0.885	6.280	350.253	49.332	46.234	3.098
2007	28026	3957.558	3682.042	275.516	0.983	6.962	344.449	48.640	45.254	3.386
2008	27128	3812.302	3533.654	278.647	1.027	7.309	329.444	46.297	42.913	3.384
2009	27068	3827.467	3507.742	319.725	1.181	8.353	324.637	45.904	42.070	3.835

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81377.674	3079.830	0.490	3.647	424.421	57.058	54.977	2.081

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Main Results for E-Component Summarized over Simulations for Run: 33

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20478.868	33.301	0.093	0.162	536.514	306.437	305.939	0.497
1994	35074	19906.392	19850.092	56.300	0.161	0.283	514.300	291.893	291.068	0.826
1995	34669	19512.784	19424.814	87.971	0.254	0.451	498.677	280.671	279.406	1.265
1996	34582	19294.631	19182.966	111.665	0.323	0.579	489.808	273.283	271.701	1.582
1997	35267	19490.717	19372.472	118.245	0.335	0.607	491.517	271.643	269.995	1.648
1998	35675	19571.902	19383.960	187.942	0.527	0.960	489.172	268.368	265.791	2.577
1999	38516	21022.469	20752.176	270.293	0.702	1.286	519.919	283.777	280.129	3.649
2000	36283	19687.992	19361.145	326.847	0.901	1.660	482.656	261.900	257.552	4.348
2001	36281	19625.032	19249.645	375.386	1.035	1.913	476.394	257.690	252.761	4.929
2002	35983	19408.801	18981.134	427.666	1.189	2.203	467.122	251.960	246.408	5.552
2003	36205	19481.360	19053.745	427.615	1.181	2.195	464.974	250.195	244.703	5.492
2004	34611	18541.224	18131.395	409.829	1.184	2.210	439.544	235.465	230.260	5.205
2005	36826	19692.114	19236.420	455.694	1.237	2.314	462.043	247.070	241.353	5.717
2006	34350	18220.663	17813.367	407.296	1.186	2.235	426.820	226.403	221.342	5.061
2007	35326	18620.282	18197.278	423.003	1.197	2.272	434.168	228.849	223.651	5.199
2008	38248	20183.701	19620.840	562.861	1.472	2.789	464.487	245.112	238.277	6.835
2009	36902	19371.930	18795.773	576.157	1.561	2.974	442.580	232.335	225.425	6.910

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385164.646	5276.328	0.740	1.351	481.512	263.774	260.210	3.565

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 34

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA17
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 34, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 34, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA17

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.002000	0.002000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.002000	0.002000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.002000	0.002000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.002000	0.002000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.002000	0.002000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.002000	0.002000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.002000	0.002000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.002000	0.002000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.002000	0.002000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.002000	0.002000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.002000	0.002000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.002000	0.002000	0.004000

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 34, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 34, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2022.00	22.27	116.00	5.27			
5	All Ages	Current MRTP	112.00	1.23					
5	All Ages	Current Dual	68.00	0.75					
5	All Ages	Former	1992.00	21.94			14.74	111.00	5.57

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.17			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	14.00	1.66					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	303.00	27.01	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	6.00	0.53					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1860.00	20.42	188.00	8.53			
10	All Ages	Current MRTP	237.00	2.60					
10	All Ages	Current Dual	108.00	1.19					
10	All Ages	Former	2006.00	22.02			16.26	107.00	5.33

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	0.00	0.00			
10	20-24	Current MRTP	30.00	3.69					
10	20-24	Current Dual	24.00	2.95					
10	20-24	Former	20.00	2.46			2.45	7.00	35.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	212.00	25.12	5.00	1.84			
10	25-29	Current MRTP	36.00	4.27					
10	25-29	Current Dual	24.00	2.84					
10	25-29	Former	49.00	5.81			5.18	10.00	20.41

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	14.00	6.09			
10	30-34	Current MRTP	28.00	3.37					
10	30-34	Current Dual	15.00	1.81					
10	30-34	Former	160.00	19.25			8.93	10.00	6.25

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.90			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	15.00	1.50					
10	35-39	Former	197.00	19.72			11.14	10.00	5.08

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	264.00	23.53	19.00	6.55			
10	40-44	Current MRTP	20.00	1.78					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	271.00	24.15			11.48	17.00	6.27

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	154.00	18.99	19.00	10.86			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	214.00	26.39			14.70	9.00	4.21
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	17.00	11.81			
10	55-59	Current MRTP	13.00	2.09					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	176.00	28.34			18.44	6.00	3.41
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	11.00	9.17			
10	60-64	Current MRTP	13.00	2.43					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	163.00	30.47			18.44	5.00	3.07
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	10.00	10.31			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	141.00	28.89			23.48	5.00	3.55
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	65.00	12.06	28.00	33.33			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	175.00	32.47			27.08	10.00	5.71
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1573.00	18.35	234.00	11.65			
15	All Ages	Current MRTP	307.00	3.58					
15	All Ages	Current Dual	129.00	1.51					
15	All Ages	Former	2038.00	23.78			17.33	132.00	6.48
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	148.00	18.20	2.00	0.88			
15	25-29	Current MRTP	49.00	6.03					
15	25-29	Current Dual	31.00	3.81					
15	25-29	Former	39.00	4.80			4.15	12.00	30.77
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	192.00	22.75	9.00	3.27			
15	30-34	Current MRTP	58.00	6.87					
15	30-34	Current Dual	25.00	2.96					
15	30-34	Former	79.00	9.36			6.62	16.00	20.25
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	161.00	19.37	22.00	10.53			
15	35-39	Current MRTP	33.00	3.97					
15	35-39	Current Dual	15.00	1.81					
15	35-39	Former	188.00	22.62			11.66	12.00	6.38
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	33.00	12.31			
15	40-44	Current MRTP	29.00	2.90					
15	40-44	Current Dual	17.00	1.70					
15	40-44	Former	221.00	22.12			13.93	12.00	5.43
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	229.00	20.41	24.00	8.86			
15	45-49	Current MRTP	34.00	3.03					
15	45-49	Current Dual	8.00	0.71					
15	45-49	Former	290.00	25.85			14.90	15.00	5.17
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	155.00	15.98	30.00	16.04			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	286.00	29.48			18.08	12.00	4.20
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	135.00	16.65	25.00	15.72			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	5.00	0.62					
15	55-59	Former	230.00	28.36			17.61	12.00	5.22
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	20.00	16.00			
15	60-64	Current MRTP	21.00	3.38					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	195.00	31.40			20.46	7.00	3.59
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	24.00	21.43			
15	65-69	Current MRTP	14.00	2.62					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	171.00	31.96			21.34	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	16.00	19.28			
15	70-74	Current MRTP	10.00	2.05					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	155.00	31.76			23.32	13.00	8.39
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	29.00	31.52			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	184.00	34.33			24.78	12.00	6.52
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1325.00	16.49	258.00	14.51			

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	335.00	4.17					
20	All Ages	Current Dual	118.00	1.47					
20	All Ages	Former	2030.00	25.27			18.88	119.00	5.86
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	148.00	18.20	4.00	1.71			
20	30-34	Current MRTP	56.00	6.89					
20	30-34	Current Dual	30.00	3.69					
20	30-34	Former	58.00	7.13			6.52	8.00	13.79
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	164.00	19.43	10.00	3.98			
20	35-39	Current MRTP	65.00	7.70					
20	35-39	Current Dual	22.00	2.61					
20	35-39	Former	115.00	13.63			8.15	20.00	17.39
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	141.00	16.97	27.00	14.36			
20	40-44	Current MRTP	38.00	4.57					
20	40-44	Current Dual	9.00	1.08					
20	40-44	Former	209.00	25.15			14.89	6.00	2.87
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	201.00	20.12	37.00	14.86			
20	45-49	Current MRTP	31.00	3.10					
20	45-49	Current Dual	17.00	1.70					
20	45-49	Former	240.00	24.02			16.81	9.00	3.75
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	202.00	18.00	32.00	12.85			
20	50-54	Current MRTP	39.00	3.48					
20	50-54	Current Dual	8.00	0.71					
20	50-54	Former	312.00	27.81			17.76	15.00	4.81
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	133.00	13.71	36.00	21.30			
20	55-59	Current MRTP	28.00	2.89					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	304.00	31.34			20.78	14.00	4.61
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	111.00	13.69	35.00	23.81			
20	60-64	Current MRTP	28.00	3.45					

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	242.00	29.84			20.35	12.00	4.96

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	26.00	22.41			
20	65-69	Current MRTP	24.00	3.86					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	204.00	32.85			23.31	9.00	4.41

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	27.72			
20	70-74	Current MRTP	14.00	2.62					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	182.00	34.02			23.87	13.00	7.14

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	23.00	31.08			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	164.00	33.61			24.29	13.00	7.93

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Main Results for E-Component Summarized over Simulations for Run: 34

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.522	74.717	0.037	0.119	2725.82	851.622	850.607	1.015
1995	201023	63132.954	63013.115	119.839	0.060	0.190	2687.54	844.043	842.441	1.602
1996	201180	64309.880	64226.085	83.796	0.042	0.130	2653.67	848.280	847.175	1.105
1997	198639	64547.894	64426.853	121.041	0.061	0.188	2583.39	839.475	837.901	1.574
1998	197573	65384.866	65142.018	242.849	0.123	0.371	2533.29	838.367	835.253	3.114
1999	211329	67554.762	67163.591	391.171	0.185	0.579	2673.14	854.513	849.565	4.948
2000	208496	68184.366	67678.264	506.102	0.243	0.742	2604.20	851.652	845.330	6.321
2001	203606	68286.060	67619.768	666.292	0.327	0.976	2514.65	843.372	835.143	8.229
2002	200828	68983.996	68239.225	744.771	0.371	1.080	2455.47	843.450	834.344	9.106
2003	196352	68717.830	67747.182	970.649	0.494	1.413	2377.49	832.057	820.304	11.753
2004	188160	67344.952	66055.050	1289.902	0.686	1.915	2254.66	806.974	791.517	15.456
2005	186416	67846.650	66334.006	1512.645	0.811	2.230	2208.07	803.634	785.717	17.917
2006	180088	66622.465	64643.798	1978.667	1.099	2.970	2113.55	781.893	758.671	23.222
2007	175644	65977.201	63658.333	2318.868	1.320	3.515	2039.92	766.256	739.325	26.931
2008	177570	67121.344	64595.140	2526.203	1.423	3.764	2039.03	770.751	741.743	29.008
2009	172806	66622.993	63741.545	2881.448	1.667	4.325	1961.22	756.123	723.420	32.702

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285810.822	16505.54	0.423	1.267	2465.77	823.300	812.865	10.434

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Main Results for E-Component Summarized over Simulations for Run: 34

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.374	12.015	0.026	0.035	638.697	461.725	461.562	0.163
1995	47840	34566.580	34544.631	21.949	0.046	0.063	639.587	462.131	461.837	0.293
1996	48244	34997.958	34995.889	2.069	0.004	0.006	636.363	461.641	461.614	0.027
1997	49035	35549.658	35537.119	12.538	0.026	0.035	637.723	462.340	462.177	0.163
1998	49686	36138.033	36095.253	42.780	0.086	0.118	637.076	463.363	462.815	0.549
1999	48883	35506.142	35441.326	64.816	0.133	0.183	618.331	449.124	448.304	0.820
2000	50331	36573.306	36472.054	101.252	0.201	0.277	628.656	456.816	455.551	1.265
2001	50389	36733.445	36592.515	140.930	0.280	0.384	622.333	453.679	451.939	1.741
2002	51445	37627.700	37456.705	170.995	0.332	0.454	629.005	460.065	457.974	2.091
2003	51408	37552.784	37306.390	246.394	0.479	0.656	622.464	454.701	451.718	2.983
2004	51399	37527.823	37176.460	351.363	0.684	0.936	615.898	449.684	445.474	4.210
2005	51421	37486.186	37076.593	409.593	0.797	1.093	609.074	444.018	439.167	4.852
2006	51355	37409.496	36825.389	584.107	1.137	1.561	602.712	439.045	432.190	6.855
2007	51839	37602.867	36891.702	711.166	1.372	1.891	602.056	436.718	428.459	8.259
2008	50976	36986.957	36238.345	748.611	1.469	2.024	585.355	424.719	416.123	8.596
2009	51193	37201.944	36305.000	896.944	1.752	2.411	581.003	422.215	412.035	10.180

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707369.003	4535.836	0.463	0.637	619.890	450.053	447.185	2.867

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Main Results for E-Component Summarized over Simulations for Run: 34

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12082.134	46.442	0.051	0.383	1233.90	164.759	164.128	0.631
1995	89698	11958.696	11892.907	65.789	0.073	0.550	1199.20	159.879	159.000	0.880
1996	88286	12020.749	11946.858	73.892	0.084	0.615	1164.54	158.560	157.585	0.975
1997	84777	11593.724	11498.137	95.586	0.113	0.824	1102.56	150.782	149.539	1.243
1998	82517	11337.035	11188.607	148.428	0.180	1.309	1058.04	145.364	143.461	1.903
1999	93939	13027.458	12780.891	246.567	0.262	1.893	1188.25	164.787	161.668	3.119
2000	90039	12607.547	12331.180	276.367	0.307	2.192	1124.63	157.474	154.022	3.452
2001	86119	12350.451	11991.735	358.715	0.417	2.904	1063.62	152.535	148.105	4.430
2002	83014	12112.097	11716.134	395.962	0.477	3.269	1014.99	148.092	143.250	4.841
2003	79302	11683.252	11221.876	461.376	0.582	3.949	960.214	141.465	135.878	5.586
2004	73861	11139.095	10567.964	571.131	0.773	5.127	885.053	133.476	126.633	6.844
2005	71649	10884.683	10238.462	646.220	0.902	5.937	848.672	128.927	121.273	7.654
2006	67551	10397.565	9629.999	767.566	1.136	7.382	792.791	122.028	113.019	9.008
2007	63503	9785.831	8919.703	866.129	1.364	8.851	737.521	113.652	103.593	10.059
2008	63171	9922.524	8984.643	937.882	1.485	9.452	725.389	113.940	103.170	10.770
2009	59747	9483.598	8477.027	1006.570	1.685	10.614	678.085	107.632	96.208	11.424

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225482.303	7000.246	0.424	3.011	1043.56	146.971	142.546	4.425

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Main Results for E-Component Summarized over Simulations for Run: 34

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 34 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.175	13.223	0.040	0.417	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.342	20.932	0.062	0.654	450.946	42.785	42.506	0.280
1996	33750	3234.738	3209.252	25.486	0.076	0.788	445.180	42.668	42.332	0.336
1997	33699	3240.665	3215.014	25.650	0.076	0.792	438.271	42.146	41.813	0.334
1998	33274	3171.578	3128.460	43.117	0.130	1.359	426.640	40.666	40.113	0.553
1999	33891	3153.786	3086.927	66.859	0.197	2.120	428.694	39.893	39.047	0.846
2000	33827	3237.043	3150.220	86.823	0.257	2.682	422.514	40.432	39.348	1.084
2001	32506	3110.972	3000.901	110.071	0.339	3.538	401.468	38.422	37.063	1.359
2002	32078	3123.298	2995.837	127.460	0.397	4.081	392.210	38.188	36.629	1.558
2003	30568	3025.984	2880.462	145.522	0.476	4.809	370.127	36.640	34.878	1.762
2004	29388	2983.453	2797.479	185.975	0.633	6.234	352.147	35.750	33.521	2.228
2005	27954	2926.679	2715.873	210.806	0.754	7.203	331.111	34.666	32.169	2.497
2006	27201	2889.308	2640.602	248.706	0.914	8.608	319.236	33.909	30.991	2.919
2007	26302	2810.025	2526.031	283.994	1.080	10.106	305.470	32.636	29.337	3.298
2008	25998	2773.025	2474.883	298.142	1.147	10.752	298.534	31.843	28.419	3.424
2009	25040	2723.293	2394.940	328.353	1.311	12.057	284.186	30.907	27.181	3.727

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59060.417	2231.326	0.358	3.641	394.195	38.747	37.337	1.411

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Main Results for E-Component Summarized over Simulations for Run: 34

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.838	3.038	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.236	11.169	0.038	0.083	397.803	179.248	179.098	0.149
1996	30900	14056.435	14074.086	-17.651	-0.057	-0.126	407.587	185.412	185.644	-0.233
1997	31128	14163.848	14176.582	-12.734	-0.041	-0.090	404.834	184.207	184.373	-0.166
1998	32096	14738.220	14729.697	8.523	0.027	0.058	411.536	188.974	188.865	0.109
1999	34616	15867.376	15854.447	12.929	0.037	0.081	437.865	200.710	200.546	0.164
2000	34299	15766.470	15724.809	41.660	0.121	0.264	428.409	196.930	196.410	0.520
2001	34592	16091.193	16034.617	56.576	0.164	0.352	427.231	198.736	198.037	0.699
2002	34291	16120.902	16070.548	50.354	0.147	0.312	419.268	197.106	196.491	0.616
2003	35074	16455.810	16338.454	117.356	0.335	0.713	424.687	199.252	197.831	1.421
2004	33512	15694.580	15513.147	181.433	0.541	1.156	401.564	188.063	185.889	2.174
2005	35392	16549.102	16303.077	246.025	0.695	1.487	419.213	196.022	193.108	2.914
2006	33981	15926.096	15547.809	378.287	1.113	2.375	398.807	186.912	182.472	4.440
2007	34000	15778.477	15320.898	457.579	1.346	2.900	394.875	183.251	177.936	5.314
2008	37425	17438.838	16897.270	541.568	1.447	3.106	429.749	200.249	194.030	6.219
2009	36826	17214.158	16564.577	649.581	1.764	3.774	417.948	195.368	187.996	7.372

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293899.099	2738.134	0.424	0.923	408.132	187.528	185.797	1.731

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 35

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA18
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 35, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 35, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA18

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.004000	0.004000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.004000	0.004000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.004000	0.004000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.004000	0.004000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.004000	0.004000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.004000	0.004000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.004000	0.004000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.004000	0.004000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.004000	0.004000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.004000	0.004000	0.004000

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 35, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 35, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2463.00	26.84	146.00	5.45			
5	All Ages	Current MRTP	138.00	1.50					
5	All Ages	Current Dual	77.00	0.84					
5	All Ages	Former	2598.00	28.31			15.49	150.00	5.77

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	8.00	2.36					
5	18-19	Current Dual	9.00	2.65					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.31			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	5.00	0.52					
5	25-29	Former	117.00	12.21			4.80	24.00	20.51
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	9.00	2.38			
5	30-34	Current MRTP	18.00	1.68					
5	30-34	Current Dual	8.00	0.74					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	15.00	4.26			
5	35-39	Current MRTP	11.00	1.02					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	253.00	23.36			7.78	20.00	7.91
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	12.00	4.74			
5	45-49	Current MRTP	11.00	1.28					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	298.00	34.69			13.81	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	4.00	0.78					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	14.00	18.18			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	214.00	59.61			23.80	9.00	4.21

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2284.00	24.36	240.00	8.88			
10	All Ages	Current MRTP	295.00	3.15					
10	All Ages	Current Dual	123.00	1.31					
10	All Ages	Former	2600.00	27.73			17.20	167.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	175.00	19.53	0.00	0.00			
10	20-24	Current MRTP	44.00	4.91					
10	20-24	Current Dual	29.00	3.24					
10	20-24	Former	21.00	2.34			2.10	8.00	38.10

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	243.00	26.56	5.00	1.66			
10	25-29	Current MRTP	30.00	3.28					
10	25-29	Current Dual	29.00	3.17					
10	25-29	Former	60.00	6.56			4.93	16.00	26.67

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	252.00	26.30	11.00	3.49			
10	30-34	Current MRTP	44.00	4.59					
10	30-34	Current Dual	19.00	1.98					
10	30-34	Former	144.00	15.03			7.97	13.00	9.03

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	319.00	29.70	20.00	5.57			
10	35-39	Current MRTP	33.00	3.07					
10	35-39	Current Dual	7.00	0.65					
10	35-39	Former	227.00	21.14			9.94	14.00	6.17

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	287.00	26.50	26.00	8.20			
10	40-44	Current MRTP	25.00	2.31					
10	40-44	Current Dual	5.00	0.46					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	259.00	26.62	23.00	8.19			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	286.00	29.39			15.85	14.00	4.90

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	23.00	2.68					
10	50-54	Current Dual	10.00	1.16					
10	50-54	Former	310.00	36.09			17.14	8.00	2.58
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	25.00	13.30			
10	55-59	Current MRTP	23.00	3.65					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	250.00	39.68			20.13	10.00	4.00
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	121.00	23.09	16.00	12.31			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	3.00	0.57					
10	60-64	Former	239.00	45.61			19.25	16.00	6.69
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	20.00	17.24			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	2.00	0.39					
10	65-69	Former	258.00	50.10			21.40	17.00	6.59
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	103.00	20.60	33.00	27.05			
10	70-74	Current MRTP	16.00	3.20					
10	70-74	Current Dual	3.00	0.60					
10	70-74	Former	258.00	51.60			24.48	17.00	6.59
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	32.00	38.55			
10	75-79	Current MRTP	19.00	4.24					
10	75-79	Current Dual	8.00	1.79					
10	75-79	Former	259.00	57.81			25.14	12.00	4.63
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2021.00	22.64	305.00	12.04			
15	All Ages	Current MRTP	401.00	4.49					
15	All Ages	Current Dual	112.00	1.25					
15	All Ages	Former	2525.00	28.28			18.71	134.00	5.31
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	181.00	20.20	1.00	0.36			
15	25-29	Current MRTP	71.00	7.92					
15	25-29	Current Dual	26.00	2.90					
15	25-29	Former	53.00	5.92			4.02	11.00	20.75
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	226.00	24.70	10.00	3.33			
15	30-34	Current MRTP	47.00	5.14					
15	30-34	Current Dual	27.00	2.95					
15	30-34	Former	90.00	9.84			6.62	17.00	18.89
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	233.00	24.32	21.00	6.98			
15	35-39	Current MRTP	51.00	5.32					
15	35-39	Current Dual	17.00	1.77					
15	35-39	Former	167.00	17.43			10.67	17.00	10.18
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	278.00	25.88	26.00	8.02			
15	40-44	Current MRTP	41.00	3.82					
15	40-44	Current Dual	5.00	0.47					
15	40-44	Former	262.00	24.39			12.66	14.00	5.34
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	259.00	23.92	39.00	12.83			
15	45-49	Current MRTP	41.00	3.79					
15	45-49	Current Dual	4.00	0.37					
15	45-49	Former	301.00	27.79			14.77	9.00	2.99
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	218.00	22.40	29.00	11.51			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	315.00	32.37			18.49	13.00	4.13
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	185.00	21.54	40.00	17.70			
15	55-59	Current MRTP	34.00	3.96					
15	55-59	Current Dual	7.00	0.81					
15	55-59	Former	325.00	37.83			20.28	17.00	5.23
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	150.00	23.81	37.00	19.89			
15	60-64	Current MRTP	32.00	5.08					
15	60-64	Current Dual	4.00	0.63					
15	60-64	Former	252.00	40.00			23.15	10.00	3.97
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	112.00	21.37	29.00	22.31			
15	65-69	Current MRTP	12.00	2.29					
15	65-69	Current Dual	6.00	1.15					
15	65-69	Former	239.00	45.61			22.50	8.00	3.35
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	88.00	17.09	32.00	27.35			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	257.00	49.90			24.72	7.00	2.72
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	91.00	18.20	41.00	35.34			
15	75-79	Current MRTP	22.00	4.40					
15	75-79	Current Dual	3.00	0.60					
15	75-79	Former	264.00	52.80			26.13	11.00	4.17
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1690.00	20.05	347.00	15.35			

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	461.00	5.47					
20	All Ages	Current Dual	109.00	1.29					
20	All Ages	Former	2447.00	29.04			19.77	136.00	5.56

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	174.00	19.42	6.00	2.22			
20	30-34	Current MRTP	79.00	8.82					
20	30-34	Current Dual	17.00	1.90					
20	30-34	Former	79.00	8.82			6.61	12.00	15.19

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	200.00	21.86	12.00	4.27			
20	35-39	Current MRTP	64.00	6.99					
20	35-39	Current Dual	17.00	1.86					
20	35-39	Former	119.00	13.01			8.68	13.00	10.92

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	209.00	21.82	24.00	8.51			
20	40-44	Current MRTP	57.00	5.95					
20	40-44	Current Dual	16.00	1.67					
20	40-44	Former	186.00	19.42			13.61	10.00	5.38

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	254.00	23.65	37.00	12.13			
20	45-49	Current MRTP	42.00	3.91					
20	45-49	Current Dual	9.00	0.84					
20	45-49	Former	281.00	26.16			15.75	14.00	4.98

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	218.00	20.13	46.00	16.73			
20	50-54	Current MRTP	52.00	4.80					
20	50-54	Current Dual	5.00	0.46					
20	50-54	Former	330.00	30.47			17.40	14.00	4.24

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	189.00	19.42	37.00	15.95			
20	55-59	Current MRTP	34.00	3.49					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	335.00	34.43			21.14	16.00	4.78

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	163.00	18.98	48.00	22.64			
20	60-64	Current MRTP	37.00	4.31					

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	12.00	1.40					
20	60-64	Former	339.00	39.46			22.46	17.00	5.01

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	40.00	6.35					
20	65-69	Current Dual	5.00	0.79					
20	65-69	Former	276.00	43.81			23.88	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	96.00	18.32	43.00	33.86			
20	70-74	Current MRTP	26.00	4.96					
20	70-74	Current Dual	5.00	0.95					
20	70-74	Former	242.00	46.18			25.20	10.00	4.13

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	70.00	13.59	51.00	44.74			
20	75-79	Current MRTP	30.00	5.83					
20	75-79	Current Dual	14.00	2.72					
20	75-79	Former	260.00	50.49			25.90	12.00	4.62

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Main Results for E-Component Summarized over Simulations for Run: 35

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121996.467	147.251	0.048	0.121	4692.62	1857.47	1855.24	2.239
1993	311713	123269.216	122924.094	345.122	0.111	0.280	4656.77	1841.55	1836.40	5.156
1994	305700	120480.723	119960.916	519.808	0.170	0.431	4482.57	1766.64	1759.02	7.622
1995	303225	118666.569	117900.578	765.990	0.253	0.645	4361.58	1706.89	1695.88	11.018
1996	299559	116607.195	115636.651	970.543	0.324	0.832	4242.85	1651.58	1637.84	13.746
1997	294226	114665.051	113556.288	1108.763	0.377	0.967	4100.64	1598.09	1582.64	15.453
1998	289258	113038.380	111703.261	1335.119	0.462	1.181	3966.28	1549.97	1531.66	18.307
1999	311002	117067.463	115262.956	1804.506	0.580	1.541	4198.14	1580.27	1555.91	24.359
2000	303786	114977.407	112930.871	2046.537	0.674	1.780	4041.13	1529.49	1502.27	27.224
2001	296294	113047.319	110804.130	2243.189	0.757	1.984	3890.54	1484.39	1454.93	29.455
2002	291898	111744.742	109247.287	2497.455	0.856	2.235	3789.34	1450.64	1418.22	32.421
2003	285865	110551.854	107808.881	2742.973	0.960	2.481	3671.31	1419.80	1384.57	35.227
2004	274177	107418.262	104615.488	2802.774	1.022	2.609	3481.92	1364.16	1328.57	35.594
2005	272379	107678.770	104711.710	2967.059	1.089	2.755	3417.44	1351.01	1313.78	37.227
2006	264118	104357.806	101384.529	2973.278	1.126	2.849	3281.83	1296.71	1259.76	36.945
2007	258419	102690.449	99552.384	3138.065	1.214	3.056	3176.05	1262.10	1223.53	38.568
2008	259461	103492.166	99909.502	3582.665	1.381	3.462	3150.91	1256.82	1213.31	43.508
2009	253907	101384.044	97520.184	3863.860	1.522	3.811	3045.20	1215.94	1169.60	46.341

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237355.090	35888.59	0.617	1.579	3927.78	1535.76	1511.51	24.246

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Main Results for E-Component Summarized over Simulations for Run: 35

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.156	31.192	0.040	0.050	1185.97	950.993	950.519	0.474
1993	78542	62883.111	62815.963	67.148	0.085	0.107	1173.36	939.428	938.425	1.003
1994	77437	61805.804	61701.643	104.161	0.135	0.169	1135.48	906.276	904.749	1.527
1995	76904	61145.799	60989.702	156.098	0.203	0.255	1106.18	879.519	877.273	2.245
1996	76232	60385.323	60188.608	196.714	0.258	0.326	1079.72	855.277	852.491	2.786
1997	75473	59549.806	59338.768	211.038	0.280	0.354	1051.87	829.947	827.006	2.941
1998	75381	59292.315	59001.222	291.093	0.386	0.491	1033.62	813.010	809.019	3.991
1999	73159	57398.351	57037.901	360.450	0.493	0.628	987.557	774.807	769.942	4.866
2000	73784	57716.549	57265.615	450.933	0.611	0.781	981.515	767.777	761.778	5.999
2001	73294	57211.877	56701.636	510.241	0.696	0.892	962.399	751.230	744.530	6.700
2002	72442	56438.810	55867.310	571.500	0.789	1.013	940.422	732.673	725.254	7.419
2003	71942	55948.341	55342.469	605.872	0.842	1.083	923.937	718.533	710.752	7.781
2004	71301	55339.218	54703.992	635.227	0.891	1.148	905.490	702.783	694.716	8.067
2005	70964	54964.459	54305.384	659.076	0.929	1.199	890.360	689.620	681.350	8.269
2006	69658	53781.526	53133.213	648.313	0.931	1.205	865.543	668.268	660.213	8.056
2007	68565	52784.985	52106.342	678.643	0.990	1.286	842.687	648.745	640.404	8.341
2008	68226	52470.692	51669.406	801.286	1.174	1.527	828.542	637.208	627.477	9.731
2009	67509	51823.021	50949.547	873.474	1.294	1.685	809.661	621.533	611.058	10.476

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152127.200	7861.329	0.533	0.678	997.213	783.665	778.354	5.311

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Main Results for E-Component Summarized over Simulations for Run: 35

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35775.008	88.843	0.054	0.248	2502.33	545.392	544.041	1.351
1993	164362	35459.800	35250.574	209.226	0.127	0.590	2455.45	529.744	526.618	3.126
1994	159866	34293.631	33989.793	303.838	0.190	0.886	2344.16	502.857	498.402	4.455
1995	158083	33531.695	33093.411	438.284	0.277	1.307	2273.86	482.318	476.014	6.304
1996	154875	32438.163	31886.658	551.505	0.356	1.700	2193.60	459.443	451.632	7.811
1997	149970	31179.663	30538.116	641.547	0.428	2.058	2090.14	434.552	425.610	8.941
1998	145407	29860.736	29143.278	717.459	0.493	2.403	1993.81	409.447	399.610	9.838
1999	165952	34413.904	33402.465	1011.439	0.609	2.939	2240.15	464.545	450.892	13.653
2000	160260	33265.290	32172.920	1092.370	0.682	3.284	2131.87	442.513	427.982	14.531
2001	154444	32074.102	30895.471	1178.631	0.763	3.675	2027.95	421.154	405.678	15.476
2002	151887	31817.956	30512.150	1305.807	0.860	4.104	1971.76	413.052	396.100	16.952
2003	146733	31025.931	29553.361	1472.570	1.004	4.746	1884.46	398.460	379.548	18.912
2004	138381	29503.602	27992.041	1511.561	1.092	5.123	1757.38	374.682	355.486	19.196
2005	135881	29077.894	27478.962	1598.932	1.177	5.499	1704.85	364.830	344.769	20.061
2006	131922	28385.448	26730.241	1655.206	1.255	5.831	1639.21	352.707	332.140	20.567
2007	126502	27327.625	25579.526	1748.099	1.382	6.397	1554.75	335.866	314.381	21.485
2008	125859	27025.472	25110.938	1914.534	1.521	7.084	1528.44	328.199	304.949	23.250
2009	122428	26361.626	24291.780	2069.846	1.691	7.852	1468.33	316.165	291.341	24.824

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	618827.116	19529.56	0.652	3.059	2024.64	431.261	418.067	13.194

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Main Results for E-Component Summarized over Simulations for Run: 35

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 35 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.643	12.553	0.039	0.287	488.154	66.474	66.283	0.191
1993	32896	4414.136	4378.774	35.362	0.107	0.801	491.442	65.944	65.416	0.528
1994	33323	4474.895	4419.552	55.344	0.166	1.237	488.625	65.617	64.805	0.812
1995	33569	4476.290	4392.846	83.444	0.249	1.864	482.855	64.387	63.187	1.200
1996	33870	4489.078	4377.617	111.462	0.329	2.483	479.723	63.582	62.003	1.579
1997	33516	4444.866	4304.716	140.150	0.418	3.153	467.113	61.948	59.995	1.953
1998	32795	4313.427	4171.409	142.018	0.433	3.292	449.682	59.145	57.198	1.947
1999	33375	4232.739	4067.249	165.490	0.496	3.910	450.521	57.137	54.903	2.234
2000	33459	4307.577	4132.304	175.273	0.524	4.069	445.090	57.302	54.970	2.332
2001	32275	4136.308	3959.846	176.463	0.547	4.266	423.792	54.312	51.995	2.317
2002	31586	4079.175	3893.733	185.442	0.587	4.546	410.041	52.955	50.547	2.407
2003	30985	4096.221	3868.037	228.184	0.736	5.571	397.934	52.607	49.676	2.931
2004	29884	4034.217	3800.814	233.403	0.781	5.786	379.513	51.233	48.269	2.964
2005	28708	3944.303	3706.389	237.913	0.829	6.032	360.189	49.488	46.503	2.985
2006	28188	3970.169	3716.219	253.950	0.901	6.396	350.253	49.332	46.176	3.155
2007	28026	3957.558	3677.542	280.016	0.999	7.075	344.449	48.640	45.198	3.441
2008	27128	3812.302	3530.096	282.206	1.040	7.403	329.444	46.297	42.870	3.427
2009	27068	3827.467	3506.126	321.341	1.187	8.396	324.637	45.904	42.050	3.854

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81336.179	3121.325	0.497	3.696	424.421	57.058	54.949	2.109

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Main Results for E-Component Summarized over Simulations for Run: 35

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.661	14.663	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20478.783	33.386	0.093	0.163	536.514	306.437	305.938	0.499
1994	35074	19906.392	19849.927	56.465	0.161	0.284	514.300	291.893	291.065	0.828
1995	34669	19512.784	19424.620	88.165	0.254	0.452	498.677	280.671	279.403	1.268
1996	34582	19294.631	19183.769	110.862	0.321	0.575	489.808	273.283	271.712	1.570
1997	35267	19490.717	19374.688	116.029	0.329	0.595	491.517	271.643	270.026	1.617
1998	35675	19571.902	19387.352	184.550	0.517	0.943	489.172	268.368	265.837	2.531
1999	38516	21022.469	20755.341	267.128	0.694	1.271	519.919	283.777	280.172	3.606
2000	36283	19687.992	19360.032	327.960	0.904	1.666	482.656	261.900	257.538	4.363
2001	36281	19625.032	19247.178	377.853	1.041	1.925	476.394	257.690	252.728	4.961
2002	35983	19408.801	18974.095	434.706	1.208	2.240	467.122	251.960	246.317	5.643
2003	36205	19481.360	19045.013	436.347	1.205	2.240	464.974	250.195	244.591	5.604
2004	34611	18541.224	18118.642	422.582	1.221	2.279	439.544	235.465	230.099	5.367
2005	36826	19692.114	19220.975	471.139	1.279	2.393	462.043	247.070	241.159	5.911
2006	34350	18220.663	17804.855	415.808	1.211	2.282	426.820	226.403	221.236	5.167
2007	35326	18620.282	18188.974	431.308	1.221	2.316	434.168	228.849	223.549	5.301
2008	38248	20183.701	19599.062	584.639	1.529	2.897	464.487	245.112	238.012	7.100
2009	36902	19371.930	18772.731	599.199	1.624	3.093	442.580	232.335	225.149	7.186

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385064.596	5376.378	0.754	1.377	481.512	263.774	260.142	3.632

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 36

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA18
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 36, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 36, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA18

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.000400	0.000400	0.000500	0.004000	0.004000	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.004000	0.004000	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.004000	0.004000	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.004000	0.004000	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.004000	0.004000	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.004000	0.004000	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.004000	0.004000	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.004000	0.004000	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.004000	0.004000	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.004000	0.004000	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.004000	0.004000	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.004000	0.004000	0.004000

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 36, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 36, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2022.00	22.27	114.00	5.18			
5	All Ages	Current MRTP	114.00	1.26					
5	All Ages	Current Dual	66.00	0.73					
5	All Ages	Former	1992.00	21.94			14.74	110.00	5.52

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.16			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	14.00	1.66					
5	20-24	Former	28.00	3.32			2.93	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	303.00	27.01	7.00	2.17			
5	35-39	Current MRTP	15.00	1.34					
5	35-39	Current Dual	5.00	0.45					
5	35-39	Former	238.00	21.21			8.50	15.00	6.30
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	15.00	13.04			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	161.00	30.04			21.21	7.00	4.35
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1869.00	20.52	190.00	8.59			
10	All Ages	Current MRTP	250.00	2.74					
10	All Ages	Current Dual	93.00	1.02					
10	All Ages	Former	1999.00	21.95			16.30	104.00	5.20

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	139.00	17.10	0.00	0.00			
10	20-24	Current MRTP	35.00	4.31					
10	20-24	Current Dual	20.00	2.46					
10	20-24	Former	18.00	2.21			2.61	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	214.00	25.36	5.00	1.85			
10	25-29	Current MRTP	37.00	4.38					
10	25-29	Current Dual	20.00	2.37					
10	25-29	Former	50.00	5.92			5.06	11.00	22.00

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	189.00	22.74	14.00	6.03			
10	30-34	Current MRTP	29.00	3.49					
10	30-34	Current Dual	14.00	1.68					
10	30-34	Former	158.00	19.01			8.99	10.00	6.33

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.87			
10	35-39	Current MRTP	25.00	2.50					
10	35-39	Current Dual	14.00	1.40					
10	35-39	Former	196.00	19.62			11.18	10.00	5.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	265.00	23.62	19.00	6.53			
10	40-44	Current MRTP	21.00	1.87					
10	40-44	Current Dual	5.00	0.45					
10	40-44	Former	270.00	24.06			11.51	17.00	6.30

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	154.00	18.99	19.00	10.86			
10	50-54	Current MRTP	19.00	2.34					
10	50-54	Current Dual	2.00	0.25					
10	50-54	Former	214.00	26.39			14.70	8.00	3.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	127.00	20.45	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	177.00	28.50			18.33	7.00	3.95
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	106.00	19.81	11.00	9.17			
10	60-64	Current MRTP	13.00	2.43					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	163.00	30.47			18.44	5.00	3.07
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	7.00	1.43					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	20.00	19.42			
10	70-74	Current MRTP	15.00	2.80					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	173.00	32.28			23.54	9.00	5.20
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	29.00	34.12			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	174.00	32.28			27.24	9.00	5.17
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1589.00	18.54	236.00	11.71			
15	All Ages	Current MRTP	329.00	3.84					
15	All Ages	Current Dual	98.00	1.14					
15	All Ages	Former	2031.00	23.70			17.36	129.00	6.35
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	149.00	18.33	2.00	0.87			
15	25-29	Current MRTP	62.00	7.63					
15	25-29	Current Dual	20.00	2.46					
15	25-29	Former	36.00	4.43			4.00	14.00	38.89
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	198.00	23.46	9.00	3.28			
15	30-34	Current MRTP	60.00	7.11					
15	30-34	Current Dual	16.00	1.90					
15	30-34	Former	80.00	9.48			6.58	16.00	20.00
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	162.00	19.49	21.00	10.14			
15	35-39	Current MRTP	33.00	3.97					
15	35-39	Current Dual	12.00	1.44					
15	35-39	Former	190.00	22.86			11.53	12.00	6.32
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	223.00	22.32	34.00	12.50			
15	40-44	Current MRTP	34.00	3.40					
15	40-44	Current Dual	15.00	1.50					
15	40-44	Former	217.00	21.72			14.14	9.00	4.15
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	232.00	20.68	25.00	9.16			
15	45-49	Current MRTP	34.00	3.03					
15	45-49	Current Dual	7.00	0.62					
15	45-49	Former	288.00	25.67			14.97	15.00	5.21
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	155.00	15.98	29.00	15.59			
15	50-54	Current MRTP	23.00	2.37					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	135.00	16.65	25.00	15.72			
15	55-59	Current MRTP	20.00	2.47					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	230.00	28.36			17.61	12.00	5.22
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	102.00	16.43	19.00	15.32			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	196.00	31.56			20.38	7.00	3.57
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	95.00	17.76	25.00	22.12			
15	65-69	Current MRTP	14.00	2.62					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	170.00	31.78			21.42	9.00	5.29
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	69.00	14.14	18.00	21.18			
15	70-74	Current MRTP	12.00	2.46					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	153.00	31.35			23.59	10.00	6.54
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	29.00	31.52			
15	75-79	Current MRTP	19.00	3.54					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	184.00	34.33			24.76	12.00	6.52
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1344.00	16.73	260.00	14.57			

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	359.00	4.47					
20	All Ages	Current Dual	82.00	1.02					
20	All Ages	Former	2023.00	25.18			18.91	115.00	5.68

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	149.00	18.33	4.00	1.70			
20	30-34	Current MRTP	69.00	8.49					
20	30-34	Current Dual	17.00	2.09					
20	30-34	Former	57.00	7.01			6.07	10.00	17.54

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	170.00	20.14	12.00	4.71			
20	35-39	Current MRTP	73.00	8.65					
20	35-39	Current Dual	12.00	1.42					
20	35-39	Former	111.00	13.15			8.44	17.00	15.32

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	142.00	17.09	26.00	13.83			
20	40-44	Current MRTP	39.00	4.69					
20	40-44	Current Dual	7.00	0.84					
20	40-44	Former	209.00	25.15			14.89	5.00	2.39

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	201.00	20.12	37.00	14.80			
20	45-49	Current MRTP	36.00	3.60					
20	45-49	Current Dual	13.00	1.30					
20	45-49	Former	239.00	23.92			16.83	8.00	3.35

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	207.00	18.45	32.00	12.80			
20	50-54	Current MRTP	37.00	3.30					
20	50-54	Current Dual	6.00	0.53					
20	50-54	Former	311.00	27.72			17.75	15.00	4.82

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	134.00	13.81	35.00	20.96			
20	55-59	Current MRTP	28.00	2.89					
20	55-59	Current Dual	5.00	0.52					
20	55-59	Former	306.00	31.55			20.67	14.00	4.58

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	111.00	13.69	35.00	23.81			
20	60-64	Current MRTP	30.00	3.70					

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	6.00	0.74					
20	60-64	Former	242.00	29.84			20.33	13.00	5.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	91.00	14.65	26.00	22.41			
20	65-69	Current MRTP	21.00	3.38					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	204.00	32.85			23.34	9.00	4.41

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	80.00	14.95	28.00	27.72			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	182.00	34.02			23.83	13.00	7.14

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	25.00	32.89			
20	75-79	Current MRTP	13.00	2.66					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	162.00	33.20			24.59	11.00	6.79

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Main Results for E-Component Summarized over Simulations for Run: 36

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.461	53.858	0.027	0.086	2793.47	859.818	859.075	0.743
1994	200658	62691.239	62616.343	74.896	0.037	0.119	2725.82	851.622	850.605	1.017
1995	201023	63132.954	63011.173	121.782	0.061	0.193	2687.54	844.043	842.415	1.628
1996	201180	64309.880	64220.489	89.391	0.044	0.139	2653.67	848.280	847.101	1.179
1997	198639	64547.894	64419.590	128.303	0.065	0.199	2583.39	839.475	837.806	1.669
1998	197573	65384.866	65133.203	251.663	0.127	0.385	2533.29	838.367	835.140	3.227
1999	211329	67554.762	67161.776	392.986	0.186	0.582	2673.14	854.513	849.543	4.971
2000	208496	68184.366	67677.684	506.683	0.243	0.743	2604.20	851.652	845.323	6.329
2001	203606	68286.060	67625.936	660.124	0.324	0.967	2514.65	843.372	835.219	8.153
2002	200828	68983.996	68247.091	736.905	0.367	1.068	2455.47	843.450	834.440	9.010
2003	196352	68717.830	67753.036	964.795	0.491	1.404	2377.49	832.057	820.375	11.682
2004	188160	67344.952	66068.710	1276.242	0.678	1.895	2254.66	806.974	791.681	15.293
2005	186416	67846.650	66355.186	1491.464	0.800	2.198	2208.07	803.634	785.968	17.666
2006	180088	66622.465	64663.638	1958.827	1.088	2.940	2113.55	781.893	758.904	22.989
2007	175644	65977.201	63670.932	2306.269	1.313	3.496	2039.92	766.256	739.471	26.785
2008	177570	67121.344	64622.461	2498.883	1.407	3.723	2039.03	770.751	742.056	28.695
2009	172806	66622.993	63772.584	2850.409	1.649	4.278	1961.22	756.123	723.773	32.350

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285930.026	16386.34	0.420	1.258	2465.77	823.300	812.941	10.359

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Main Results for E-Component Summarized over Simulations for Run: 36

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.049	10.686	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.358	12.031	0.026	0.035	638.697	461.725	461.562	0.163
1995	47840	34566.580	34544.134	22.446	0.047	0.065	639.587	462.131	461.831	0.300
1996	48244	34997.958	34994.272	3.685	0.008	0.011	636.363	461.641	461.592	0.049
1997	49035	35549.658	35534.464	15.194	0.031	0.043	637.723	462.340	462.142	0.198
1998	49686	36138.033	36091.955	46.078	0.093	0.128	637.076	463.363	462.772	0.591
1999	48883	35506.142	35440.488	65.654	0.134	0.185	618.331	449.124	448.294	0.830
2000	50331	36573.306	36472.178	101.128	0.201	0.277	628.656	456.816	455.553	1.263
2001	50389	36733.445	36593.998	139.448	0.277	0.380	622.333	453.679	451.957	1.722
2002	51445	37627.700	37458.040	169.660	0.330	0.451	629.005	460.065	457.990	2.074
2003	51408	37552.784	37307.306	245.478	0.478	0.654	622.464	454.701	451.729	2.972
2004	51399	37527.823	37180.169	347.654	0.676	0.926	615.898	449.684	445.518	4.166
2005	51421	37486.186	37081.549	404.637	0.787	1.079	609.074	444.018	439.226	4.793
2006	51355	37409.496	36830.683	578.813	1.127	1.547	602.712	439.045	432.252	6.793
2007	51839	37602.867	36894.195	708.673	1.367	1.885	602.056	436.718	428.488	8.230
2008	50976	36986.957	36246.318	740.639	1.453	2.002	585.355	424.719	416.215	8.505
2009	51193	37201.944	36315.693	886.251	1.731	2.382	581.003	422.215	412.157	10.058

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707399.048	4505.791	0.460	0.633	619.890	450.053	447.204	2.848

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Main Results for E-Component Summarized over Simulations for Run: 36

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12372.906	29.028	0.031	0.234	1292.22	171.073	170.673	0.400
1994	90832	12128.576	12082.020	46.556	0.051	0.384	1233.90	164.759	164.127	0.632
1995	89698	11958.696	11892.037	66.659	0.074	0.557	1199.20	159.879	158.988	0.891
1996	88286	12020.749	11944.784	75.965	0.086	0.632	1164.54	158.560	157.558	1.002
1997	84777	11593.724	11496.198	97.526	0.115	0.841	1102.56	150.782	149.513	1.268
1998	82517	11337.035	11186.564	150.471	0.182	1.327	1058.04	145.364	143.434	1.929
1999	93939	13027.458	12780.252	247.206	0.263	1.898	1188.25	164.787	161.660	3.127
2000	90039	12607.547	12330.322	277.225	0.308	2.199	1124.63	157.474	154.011	3.463
2001	86119	12350.451	11994.075	356.375	0.414	2.886	1063.62	152.535	148.134	4.401
2002	83014	12112.097	11719.974	392.123	0.472	3.237	1014.99	148.092	143.297	4.794
2003	79302	11683.252	11226.154	457.099	0.576	3.912	960.214	141.465	135.930	5.535
2004	73861	11139.095	10574.371	564.724	0.765	5.070	885.053	133.476	126.709	6.767
2005	71649	10884.683	10249.020	635.663	0.887	5.840	848.672	128.927	121.398	7.529
2006	67551	10397.565	9640.180	757.384	1.121	7.284	792.791	122.028	113.139	8.889
2007	63503	9785.831	8928.869	856.963	1.349	8.757	737.521	113.652	103.699	9.953
2008	63171	9922.524	8997.293	925.231	1.465	9.325	725.389	113.940	103.315	10.624
2009	59747	9483.598	8488.327	995.270	1.666	10.495	678.085	107.632	96.336	11.296

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225544.392	6938.157	0.420	2.984	1043.56	146.971	142.585	4.386

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Main Results for E-Component Summarized over Simulations for Run: 36

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 36 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.343	8.173	0.025	0.262	452.005	42.962	42.849	0.113
1994	33005	3168.398	3155.134	13.265	0.040	0.419	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.061	21.213	0.063	0.663	450.946	42.785	42.502	0.284
1996	33750	3234.738	3208.636	26.103	0.077	0.807	445.180	42.668	42.324	0.344
1997	33699	3240.665	3214.500	26.165	0.078	0.807	438.271	42.146	41.806	0.340
1998	33274	3171.578	3127.909	43.669	0.131	1.377	426.640	40.666	40.106	0.560
1999	33891	3153.786	3086.920	66.866	0.197	2.120	428.694	39.893	39.047	0.846
2000	33827	3237.043	3150.068	86.975	0.257	2.687	422.514	40.432	39.346	1.086
2001	32506	3110.972	3001.599	109.373	0.336	3.516	401.468	38.422	37.071	1.351
2002	32078	3123.298	2996.527	126.771	0.395	4.059	392.210	38.188	36.638	1.550
2003	30568	3025.984	2880.884	145.099	0.475	4.795	370.127	36.640	34.883	1.757
2004	29388	2983.453	2799.090	184.364	0.627	6.180	352.147	35.750	33.541	2.209
2005	27954	2926.679	2719.911	206.768	0.740	7.065	331.111	34.666	32.217	2.449
2006	27201	2889.308	2644.588	244.720	0.900	8.470	319.236	33.909	31.037	2.872
2007	26302	2810.025	2530.664	279.361	1.062	9.942	305.470	32.636	29.391	3.244
2008	25998	2773.025	2479.646	293.379	1.128	10.580	298.534	31.843	28.474	3.369
2009	25040	2723.293	2399.626	323.667	1.293	11.885	284.186	30.907	27.234	3.673

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59083.754	2207.989	0.354	3.602	394.195	38.747	37.352	1.396

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Main Results for E-Component Summarized over Simulations for Run: 36

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.163	5.971	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.831	3.045	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13395.940	11.464	0.039	0.086	397.803	179.248	179.094	0.153
1996	30900	14056.435	14072.797	-16.362	-0.053	-0.116	407.587	185.412	185.627	-0.216
1997	31128	14163.848	14174.429	-10.581	-0.034	-0.075	404.834	184.207	184.345	-0.138
1998	32096	14738.220	14726.776	11.445	0.036	0.078	411.536	188.974	188.827	0.147
1999	34616	15867.376	15854.116	13.260	0.038	0.084	437.865	200.710	200.542	0.168
2000	34299	15766.470	15725.115	41.354	0.121	0.262	428.409	196.930	196.413	0.517
2001	34592	16091.193	16036.264	54.929	0.159	0.341	427.231	198.736	198.057	0.678
2002	34291	16120.902	16072.550	48.352	0.141	0.300	419.268	197.106	196.515	0.591
2003	35074	16455.810	16338.692	117.119	0.334	0.712	424.687	199.252	197.834	1.418
2004	33512	15694.580	15515.080	179.500	0.536	1.144	401.564	188.063	185.912	2.151
2005	35392	16549.102	16304.706	244.396	0.691	1.477	419.213	196.022	193.127	2.895
2006	33981	15926.096	15548.188	377.909	1.112	2.373	398.807	186.912	182.476	4.435
2007	34000	15778.477	15317.204	461.273	1.357	2.923	394.875	183.251	177.893	5.357
2008	37425	17438.838	16899.204	539.634	1.442	3.094	429.749	200.249	194.053	6.197
2009	36826	17214.158	16568.938	645.220	1.752	3.748	417.948	195.368	188.045	7.323

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293902.832	2734.401	0.424	0.922	408.132	187.528	185.800	1.729

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 37

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA19
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 37, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 37, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	SET4SA19

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.008000	0.000400	0.000500	0.008000	0.000400	0.000500
15-19	1-24	0.008000	0.000400	0.001500	0.008000	0.000400	0.001500
20-24	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
25-29	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
30-34	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
35-39	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
40-44	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
45-49	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
50-54	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
55-59	1-24	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
60-64	1-24	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
65-69	1-24	0.008000	0.000400	0.003000	0.008000	0.000400	0.003000
70-74	1-24	0.008000	0.000400	0.003500	0.008000	0.000400	0.003500
75-79	1-24	0.008000	0.000400	0.004000	0.008000	0.000400	0.004000
10-14	25+	0.008000	0.000400	0.000500	0.008000	0.000400	0.000500
15-19	25+	0.008000	0.000400	0.001500	0.008000	0.000400	0.001500
20-24	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
25-29	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
30-34	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
35-39	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
40-44	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
45-49	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
50-54	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
55-59	25+	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
60-64	25+	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
65-69	25+	0.008000	0.000400	0.003000	0.008000	0.000400	0.003000
70-74	25+	0.008000	0.000400	0.003500	0.008000	0.000400	0.003500
75-79	25+	0.008000	0.000400	0.004000	0.008000	0.000400	0.004000

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

****

Main Output for the Smoking History Summarized over Simulations for Run: 37, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 37, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2483.00	27.06	146.00	5.45			
5	All Ages	Current MRTP	115.00	1.25					
5	All Ages	Current Dual	79.00	0.86					
5	All Ages	Former	2599.00	28.32			15.49	148.00	5.69

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	11.00	3.24					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	280.00	29.23	5.00	1.64			
5	25-29	Current MRTP	19.00	1.98					
5	25-29	Current Dual	5.00	0.52					
5	25-29	Former	119.00	12.42			4.76	24.00	20.17
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	357.00	33.24	9.00	2.39			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	8.00	0.74					
5	30-34	Former	204.00	18.99			6.35	25.00	12.25
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	340.00	31.39	15.00	4.25			
5	35-39	Current MRTP	8.00	0.74					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	252.00	23.27			7.81	19.00	7.54
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	284.00	29.19	13.00	4.41			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	237.00	27.59	12.00	4.72			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	297.00	34.58			13.86	9.00	3.03
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	195.00	30.95	13.00	6.28			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	231.00	36.67			17.62	6.00	2.60
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	141.00	26.91	12.00	8.05			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.89	13.00	5.91
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	115.00	22.33	16.00	12.50			
5	60-64	Current MRTP	9.00	1.75					
5	60-64	Current Dual	4.00	0.78					
5	60-64	Former	246.00	47.77			18.94	6.00	2.44
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	71.00	15.85	22.00	25.00			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	14.00	18.18			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	214.00	59.61			23.80	9.00	4.21

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2355.00	25.12	243.00	8.99			
10	All Ages	Current MRTP	226.00	2.41					
10	All Ages	Current Dual	123.00	1.31					
10	All Ages	Former	2598.00	27.71			17.21	166.00	6.39

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	186.00	20.76	1.00	0.41			
10	20-24	Current MRTP	30.00	3.35					
10	20-24	Current Dual	30.00	3.35					
10	20-24	Former	23.00	2.57			2.00	9.00	39.13

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	249.00	27.21	5.00	1.66			
10	25-29	Current MRTP	25.00	2.73					
10	25-29	Current Dual	28.00	3.06					
10	25-29	Former	60.00	6.56			4.92	16.00	26.67

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	261.00	27.24	12.00	3.81			
10	30-34	Current MRTP	34.00	3.55					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	144.00	15.03			8.04	13.00	9.03

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	330.00	30.73	23.00	6.37			
10	35-39	Current MRTP	24.00	2.23					
10	35-39	Current Dual	7.00	0.65					
10	35-39	Former	225.00	20.95			10.06	12.00	5.33

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	295.00	27.24	26.00	8.20			
10	40-44	Current MRTP	17.00	1.57					
10	40-44	Current Dual	5.00	0.46					
10	40-44	Former	288.00	26.59			10.91	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	263.00	27.03	25.00	8.87			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	285.00	29.29			15.88	15.00	5.26

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	212.00	24.68	27.00	11.25			
10	50-54	Current MRTP	19.00	2.21					
10	50-54	Current Dual	9.00	1.05					
10	50-54	Former	311.00	36.20			17.07	9.00	2.89
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	166.00	26.35	24.00	12.77			
10	55-59	Current MRTP	18.00	2.86					
10	55-59	Current Dual	4.00	0.63					
10	55-59	Former	250.00	39.68			20.10	11.00	4.40
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	122.00	23.28	16.00	12.12			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	3.00	0.57					
10	60-64	Former	237.00	45.23			19.42	14.00	5.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	101.00	19.61	21.00	17.95			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	2.00	0.39					
10	65-69	Former	257.00	49.90			21.51	16.00	6.23
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	109.00	21.80	35.00	28.00			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	3.00	0.60					
10	70-74	Former	255.00	51.00			24.72	16.00	6.27
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	61.00	13.62	28.00	35.44			
10	75-79	Current MRTP	11.00	2.46					
10	75-79	Current Dual	7.00	1.56					
10	75-79	Former	263.00	58.71			24.78	13.00	4.94
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2122.00	23.77	315.00	12.39			
15	All Ages	Current MRTP	309.00	3.46					
15	All Ages	Current Dual	112.00	1.25					
15	All Ages	Former	2516.00	28.18			18.76	134.00	5.33
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	206.00	22.99	3.00	1.07			
15	25-29	Current MRTP	47.00	5.25					
15	25-29	Current Dual	27.00	3.01					
15	25-29	Former	51.00	5.69			4.18	10.00	19.61
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	236.00	25.79	9.00	3.02			
15	30-34	Current MRTP	36.00	3.93					
15	30-34	Current Dual	26.00	2.84					
15	30-34	Former	92.00	10.05			6.53	17.00	18.48
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	245.00	25.57	22.00	7.33			
15	35-39	Current MRTP	38.00	3.97					
15	35-39	Current Dual	17.00	1.77					
15	35-39	Former	168.00	17.54			10.69	17.00	10.12
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	290.00	27.00	29.00	8.87			
15	40-44	Current MRTP	32.00	2.98					
15	40-44	Current Dual	5.00	0.47					
15	40-44	Former	259.00	24.12			12.78	14.00	5.41
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	269.00	24.84	38.00	12.54			
15	45-49	Current MRTP	30.00	2.77					
15	45-49	Current Dual	4.00	0.37					
15	45-49	Former	302.00	27.89			14.72	10.00	3.31
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	224.00	23.02	32.00	12.55			
15	50-54	Current MRTP	24.00	2.47					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	312.00	32.07			18.61	12.00	3.85
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	191.00	22.24	37.00	16.52			
15	55-59	Current MRTP	26.00	3.03					
15	55-59	Current Dual	7.00	0.81					
15	55-59	Former	327.00	38.07			20.15	20.00	6.12
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	157.00	24.92	36.00	19.35			
15	60-64	Current MRTP	25.00	3.97					
15	60-64	Current Dual	4.00	0.63					
15	60-64	Former	252.00	40.00			23.14	9.00	3.57
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	115.00	21.95	31.00	23.31			
15	65-69	Current MRTP	12.00	2.29					
15	65-69	Current Dual	6.00	1.15					
15	65-69	Former	236.00	45.04			22.75	7.00	2.97
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	93.00	18.06	35.00	29.17			
15	70-74	Current MRTP	21.00	4.08					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	254.00	49.32			25.00	6.00	2.36
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	96.00	19.20	43.00	36.75			
15	75-79	Current MRTP	18.00	3.60					
15	75-79	Current Dual	3.00	0.60					
15	75-79	Former	263.00	52.60			26.17	12.00	4.56
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1831.00	21.73	361.00	15.90			

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	333.00	3.95					
20	All Ages	Current Dual	107.00	1.27					
20	All Ages	Former	2436.00	28.91			19.82	135.00	5.54

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	205.00	22.88	6.00	2.23			
20	30-34	Current MRTP	47.00	5.25					
20	30-34	Current Dual	17.00	1.90					
20	30-34	Former	80.00	8.93			6.56	11.00	13.75

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	219.00	23.93	11.00	3.90			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	15.00	1.64					
20	35-39	Former	118.00	12.90			8.82	12.00	10.17

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	226.00	23.59	25.00	8.93			
20	40-44	Current MRTP	39.00	4.07					
20	40-44	Current Dual	15.00	1.57					
20	40-44	Former	188.00	19.62			13.57	11.00	5.85

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	271.00	25.23	41.00	13.23			
20	45-49	Current MRTP	31.00	2.89					
20	45-49	Current Dual	8.00	0.74					
20	45-49	Former	276.00	25.70			15.93	14.00	5.07

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	232.00	21.42	47.00	17.03			
20	50-54	Current MRTP	38.00	3.51					
20	50-54	Current Dual	6.00	0.55					
20	50-54	Former	329.00	30.38			17.42	15.00	4.56

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	200.00	20.55	40.00	17.24			
20	55-59	Current MRTP	24.00	2.47					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	335.00	34.43			21.04	19.00	5.67

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	171.00	19.91	51.00	23.61			
20	60-64	Current MRTP	31.00	3.61					

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	14.00	1.63					
20	60-64	Former	335.00	39.00			22.71	13.00	3.88

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	126.00	20.00	42.00	26.09			
20	65-69	Current MRTP	30.00	4.76					
20	65-69	Current Dual	5.00	0.79					
20	65-69	Former	277.00	43.97			23.79	18.00	6.50

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	103.00	19.66	45.00	34.62			
20	70-74	Current MRTP	22.00	4.20					
20	70-74	Current Dual	5.00	0.95					
20	70-74	Former	239.00	45.61			25.41	10.00	4.18

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	78.00	15.15	53.00	46.09			
20	75-79	Current MRTP	23.00	4.47					
20	75-79	Current Dual	14.00	2.72					
20	75-79	Former	259.00	50.29			25.95	12.00	4.63

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Main Results for E-Component Summarized over Simulations for Run: 37

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121998.710	145.008	0.047	0.119	4692.62	1857.47	1855.27	2.205
1993	311713	123269.216	122936.335	332.881	0.107	0.270	4656.77	1841.55	1836.58	4.973
1994	305700	120480.723	119984.091	496.632	0.162	0.412	4482.57	1766.64	1759.36	7.282
1995	303225	118666.569	117946.993	719.576	0.237	0.606	4361.58	1706.89	1696.54	10.350
1996	299559	116607.195	115714.517	892.678	0.298	0.766	4242.85	1651.58	1638.94	12.644
1997	294226	114665.051	113669.219	995.832	0.338	0.868	4100.64	1598.09	1584.21	13.879
1998	289258	113038.380	111860.261	1178.119	0.407	1.042	3966.28	1549.97	1533.82	16.154
1999	311002	117067.463	115490.916	1576.547	0.507	1.347	4198.14	1580.27	1558.99	21.281
2000	303786	114977.407	113207.001	1770.406	0.583	1.540	4041.13	1529.49	1505.94	23.551
2001	296294	113047.319	111141.582	1905.737	0.643	1.686	3890.54	1484.39	1459.36	25.024
2002	291898	111744.742	109636.704	2108.038	0.722	1.886	3789.34	1450.64	1423.27	27.366
2003	285865	110551.854	108277.161	2274.693	0.796	2.058	3671.31	1419.80	1390.58	29.213
2004	274177	107418.262	105133.858	2284.403	0.833	2.127	3481.92	1364.16	1335.15	29.011
2005	272379	107678.770	105288.447	2390.323	0.878	2.220	3417.44	1351.01	1321.02	29.991
2006	264118	104357.806	101984.653	2373.153	0.899	2.274	3281.83	1296.71	1267.22	29.488
2007	258419	102690.449	100237.100	2453.349	0.949	2.389	3176.05	1262.10	1231.95	30.152
2008	259461	103492.166	100677.434	2814.733	1.085	2.720	3150.91	1256.82	1222.63	34.182
2009	253907	101384.044	98374.672	3009.372	1.185	2.968	3045.20	1215.94	1179.85	36.093

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2243488.567	29755.11	0.512	1.309	3927.78	1535.76	1515.66	20.102

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Main Results for E-Component Summarized over Simulations for Run: 37

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.267	31.080	0.040	0.050	1185.97	950.993	950.520	0.473
1993	78542	62883.111	62817.777	65.334	0.083	0.104	1173.36	939.428	938.452	0.976
1994	77437	61805.804	61705.391	100.413	0.130	0.162	1135.48	906.276	904.804	1.472
1995	76904	61145.799	60997.162	148.638	0.193	0.243	1106.18	879.519	877.381	2.138
1996	76232	60385.323	60201.795	183.527	0.241	0.304	1079.72	855.277	852.678	2.599
1997	75473	59549.806	59359.674	190.131	0.252	0.319	1051.87	829.947	827.297	2.650
1998	75381	59292.315	59032.661	259.654	0.344	0.438	1033.62	813.010	809.450	3.560
1999	73159	57398.351	57077.832	320.520	0.438	0.558	987.557	774.807	770.481	4.327
2000	73784	57716.549	57316.031	400.518	0.543	0.694	981.515	767.777	762.449	5.328
2001	73294	57211.877	56766.867	445.010	0.607	0.778	962.399	751.230	745.387	5.843
2002	72442	56438.810	55940.265	498.545	0.688	0.883	940.422	732.673	726.201	6.472
2003	71942	55948.341	55434.197	514.144	0.715	0.919	923.937	718.533	711.930	6.603
2004	71301	55339.218	54811.908	527.310	0.740	0.953	905.490	702.783	696.086	6.697
2005	70964	54964.459	54427.076	537.383	0.757	0.978	890.360	689.620	682.877	6.742
2006	69658	53781.526	53261.466	520.060	0.747	0.967	865.543	668.268	661.806	6.462
2007	68565	52784.985	52253.293	531.692	0.775	1.007	842.687	648.745	642.210	6.535
2008	68226	52470.692	51833.381	637.311	0.934	1.215	828.542	637.208	629.468	7.740
2009	67509	51823.021	51133.955	689.066	1.021	1.330	809.661	621.533	613.269	8.264

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1153379.322	6609.207	0.448	0.570	997.213	783.665	779.200	4.465

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Main Results for E-Component Summarized over Simulations for Run: 37

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35777.023	86.828	0.053	0.242	2502.33	545.392	544.072	1.320
1993	164362	35459.800	35259.101	200.700	0.122	0.566	2455.45	529.744	526.745	2.998
1994	159866	34293.631	34004.930	288.702	0.181	0.842	2344.16	502.857	498.624	4.233
1995	158083	33531.695	33123.400	408.294	0.258	1.218	2273.86	482.318	476.446	5.873
1996	154875	32438.163	31935.379	502.784	0.325	1.550	2193.60	459.443	452.322	7.121
1997	149970	31179.663	30606.071	573.592	0.382	1.840	2090.14	434.552	426.558	7.994
1998	145407	29860.736	29233.556	627.181	0.431	2.100	1993.81	409.447	400.847	8.600
1999	165952	34413.904	33542.398	871.507	0.525	2.532	2240.15	464.545	452.781	11.764
2000	160260	33265.290	32339.953	925.337	0.577	2.782	2131.87	442.513	430.204	12.309
2001	154444	32074.102	31092.166	981.936	0.636	3.061	2027.95	421.154	408.261	12.893
2002	151887	31817.956	30745.871	1072.085	0.706	3.369	1971.76	413.052	399.135	13.918
2003	146733	31025.931	29827.071	1198.860	0.817	3.864	1884.46	398.460	383.063	15.397
2004	138381	29503.602	28289.150	1214.453	0.878	4.116	1757.38	374.682	359.259	15.423
2005	135881	29077.894	27804.150	1273.744	0.937	4.380	1704.85	364.830	348.849	15.981
2006	131922	28385.448	27071.562	1313.886	0.996	4.629	1639.21	352.707	336.381	16.326
2007	126502	27327.625	25965.359	1362.266	1.077	4.985	1554.75	335.866	319.123	16.743
2008	125859	27025.472	25541.303	1484.169	1.179	5.492	1528.44	328.199	310.176	18.024
2009	122428	26361.626	24769.825	1591.801	1.300	6.038	1468.33	316.165	297.074	19.091

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	622358.690	15997.98	0.534	2.506	2024.64	431.261	420.453	10.808

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Main Results for E-Component Summarized over Simulations for Run: 37

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 37 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.746	12.450	0.039	0.285	488.154	66.474	66.285	0.189
1993	32896	4414.136	4379.928	34.208	0.104	0.775	491.442	65.944	65.433	0.511
1994	33323	4474.895	4422.311	52.585	0.158	1.175	488.625	65.617	64.846	0.771
1995	33569	4476.290	4398.172	78.118	0.233	1.745	482.855	64.387	63.263	1.124
1996	33870	4489.078	4386.524	102.554	0.303	2.285	479.723	63.582	62.129	1.453
1997	33516	4444.866	4315.656	129.211	0.386	2.907	467.113	61.948	60.147	1.801
1998	32795	4313.427	4186.253	127.174	0.388	2.948	449.682	59.145	57.401	1.744
1999	33375	4232.739	4087.891	144.847	0.434	3.422	450.521	57.137	55.182	1.955
2000	33459	4307.577	4159.172	148.405	0.444	3.445	445.090	57.302	55.328	1.974
2001	32275	4136.308	3991.143	145.165	0.450	3.510	423.792	54.312	52.406	1.906
2002	31586	4079.175	3930.084	149.091	0.472	3.655	410.041	52.955	51.019	1.935
2003	30985	4096.221	3909.763	186.458	0.602	4.552	397.934	52.607	50.212	2.395
2004	29884	4034.217	3846.141	188.076	0.629	4.662	379.513	51.233	48.844	2.388
2005	28708	3944.303	3754.426	189.877	0.661	4.814	360.189	49.488	47.105	2.382
2006	28188	3970.169	3767.354	202.816	0.720	5.108	350.253	49.332	46.812	2.520
2007	28026	3957.558	3737.610	219.948	0.785	5.558	344.449	48.640	45.936	2.703
2008	27128	3812.302	3595.094	217.207	0.801	5.698	329.444	46.297	43.659	2.638
2009	27068	3827.467	3582.813	244.654	0.904	6.392	324.637	45.904	42.970	2.934

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81883.348	2574.156	0.410	3.048	424.421	57.058	55.319	1.739

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Main Results for E-Component Summarized over Simulations for Run: 37

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.674	14.650	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.529	32.640	0.091	0.159	536.514	306.437	305.949	0.488
1994	35074	19906.392	19851.459	54.933	0.157	0.276	514.300	291.893	291.088	0.805
1995	34669	19512.784	19428.258	84.526	0.244	0.433	498.677	280.671	279.455	1.216
1996	34582	19294.631	19190.819	103.812	0.300	0.538	489.808	273.283	271.812	1.470
1997	35267	19490.717	19387.818	102.898	0.292	0.528	491.517	271.643	270.209	1.434
1998	35675	19571.902	19407.792	164.110	0.460	0.838	489.172	268.368	266.118	2.250
1999	38516	21022.469	20782.796	239.673	0.622	1.140	519.919	283.777	280.542	3.235
2000	36283	19687.992	19391.846	296.146	0.816	1.504	482.656	261.900	257.961	3.939
2001	36281	19625.032	19291.406	333.626	0.920	1.700	476.394	257.690	253.309	4.381
2002	35983	19408.801	19020.483	388.317	1.079	2.001	467.122	251.960	246.919	5.041
2003	36205	19481.360	19106.129	375.231	1.036	1.926	464.974	250.195	245.376	4.819
2004	34611	18541.224	18186.660	354.565	1.024	1.912	439.544	235.465	230.962	4.503
2005	36826	19692.114	19302.794	389.320	1.057	1.977	462.043	247.070	242.185	4.885
2006	34350	18220.663	17884.271	336.392	0.979	1.846	426.820	226.403	222.223	4.180
2007	35326	18620.282	18280.838	339.443	0.961	1.823	434.168	228.849	224.678	4.172
2008	38248	20183.701	19707.655	476.046	1.245	2.359	464.487	245.112	239.331	5.781
2009	36902	19371.930	18888.079	483.851	1.311	2.498	442.580	232.335	226.532	5.803

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385867.207	4573.766	0.642	1.171	481.512	263.774	260.684	3.090

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 38

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA19
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 38, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 38, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA19

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.008000	0.000400	0.000500	0.008000	0.000400	0.000500
15-19	1-24	0.008000	0.000400	0.001500	0.008000	0.000400	0.001500
20-24	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
25-29	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
30-34	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
35-39	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
40-44	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
45-49	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
50-54	1-24	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
55-59	1-24	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
60-64	1-24	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
65-69	1-24	0.008000	0.000400	0.003000	0.008000	0.000400	0.003000
70-74	1-24	0.008000	0.000400	0.003500	0.008000	0.000400	0.003500
75-79	1-24	0.008000	0.000400	0.004000	0.008000	0.000400	0.004000
10-14	25+	0.008000	0.000400	0.000500	0.008000	0.000400	0.000500
15-19	25+	0.008000	0.000400	0.001500	0.008000	0.000400	0.001500
20-24	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
25-29	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
30-34	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
35-39	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
40-44	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
45-49	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
50-54	25+	0.008000	0.000400	0.002000	0.008000	0.000400	0.002000
55-59	25+	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
60-64	25+	0.008000	0.000400	0.002500	0.008000	0.000400	0.002500
65-69	25+	0.008000	0.000400	0.003000	0.008000	0.000400	0.003000
70-74	25+	0.008000	0.000400	0.003500	0.008000	0.000400	0.003500
75-79	25+	0.008000	0.000400	0.004000	0.008000	0.000400	0.004000

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

****

Main Output for the Smoking History Summarized over Simulations for Run: 38, Scenario: NULL

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		F (Females)
3. Year of start of process		1990
4. Number of simulations		1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 38, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2039.00	22.46	115.00	5.22			
5	All Ages	Current MRTP	99.00	1.09					
5	All Ages	Current Dual	65.00	0.72					
5	All Ages	Former	1991.00	21.93			14.75	110.00	5.52

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	227.00	26.90	3.00	1.16			
5	20-24	Current MRTP	17.00	2.01					
5	20-24	Current Dual	14.00	1.66					
5	20-24	Former	28.00	3.32			2.93	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	207.00	24.91	11.00	4.74			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	306.00	27.27	8.00	2.48			
5	35-39	Current MRTP	12.00	1.07					
5	35-39	Current Dual	5.00	0.45					
5	35-39	Former	238.00	21.21			8.51	15.00	6.30
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	214.00	22.06	9.00	4.05			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	251.00	25.88			11.61	13.00	5.18
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	172.00	21.21	7.00	3.83			
5	45-49	Current MRTP	5.00	0.62					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	206.00	25.40			11.14	13.00	6.31
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	121.00	22.62	6.00	4.69			
5	55-59	Current MRTP	5.00	0.93					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	155.00	28.97			15.09	4.00	2.58
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	108.00	20.15	14.00	12.28			
5	65-69	Current MRTP	2.00	0.37					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	162.00	30.22			21.07	9.00	5.56
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	78.00	14.47	14.00	16.67			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	175.00	32.47			24.78	6.00	3.43

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1931.00	21.20	187.00	8.44			
10	All Ages	Current MRTP	194.00	2.13					
10	All Ages	Current Dual	90.00	0.99					
10	All Ages	Former	1996.00	21.91			16.33	102.00	5.11

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	151.00	18.57	0.00	0.00			
10	20-24	Current MRTP	25.00	3.08					
10	20-24	Current Dual	20.00	2.46					
10	20-24	Former	16.00	1.97			2.63	5.00	31.25

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	222.00	26.30	5.00	1.83			
10	25-29	Current MRTP	31.00	3.67					
10	25-29	Current Dual	20.00	2.37					
10	25-29	Former	48.00	5.69			5.27	9.00	18.75

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	199.00	23.95	16.00	6.84			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	13.00	1.56					
10	30-34	Former	156.00	18.77			8.99	12.00	7.69

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	257.00	25.73	26.00	8.81			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	15.00	1.50					
10	35-39	Former	194.00	19.42			11.28	9.00	4.64

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	271.00	24.15	17.00	5.90			
10	40-44	Current MRTP	13.00	1.16					
10	40-44	Current Dual	4.00	0.36					
10	40-44	Former	273.00	24.33			11.42	17.00	6.23

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	185.00	19.07	21.00	10.05			
10	45-49	Current MRTP	18.00	1.86					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	264.00	27.22			15.34	7.00	2.65

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	16.00	9.30			
10	50-54	Current MRTP	11.00	1.36					
10	50-54	Current Dual	2.00	0.25					
10	50-54	Former	217.00	26.76			14.57	9.00	4.15
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	16.00	11.19			
10	55-59	Current MRTP	10.00	1.61					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	177.00	28.50			18.33	7.00	3.95
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	108.00	20.19	8.00	6.84			
10	60-64	Current MRTP	8.00	1.50					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	166.00	31.03			18.19	5.00	3.01
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	89.00	18.24	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	140.00	28.69			23.65	4.00	2.86
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	90.00	16.79	20.00	19.42			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	2.00	0.37					
10	70-74	Former	173.00	32.28			23.55	8.00	4.62
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	71.00	13.17	31.00	35.63			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	172.00	31.91			27.45	10.00	5.81
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1681.00	19.61	241.00	11.88			
15	All Ages	Current MRTP	249.00	2.91					
15	All Ages	Current Dual	99.00	1.16					
15	All Ages	Former	2018.00	23.55			17.46	126.00	6.24
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	172.00	21.16	3.00	1.28			
15	25-29	Current MRTP	43.00	5.29					
15	25-29	Current Dual	20.00	2.46					
15	25-29	Former	32.00	3.94			4.00	12.00	37.50
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	214.00	25.36	10.00	3.61			
15	30-34	Current MRTP	47.00	5.57					
15	30-34	Current Dual	16.00	1.90					
15	30-34	Former	77.00	9.12			6.62	17.00	22.08
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	173.00	20.82	25.00	11.85			
15	35-39	Current MRTP	26.00	3.13					
15	35-39	Current Dual	12.00	1.44					
15	35-39	Former	186.00	22.38			11.56	13.00	6.99
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	233.00	23.32	37.00	13.36			
15	40-44	Current MRTP	29.00	2.90					
15	40-44	Current Dual	15.00	1.50					
15	40-44	Former	212.00	21.22			14.38	9.00	4.25
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	240.00	21.39	23.00	8.55			
15	45-49	Current MRTP	21.00	1.87					
15	45-49	Current Dual	8.00	0.71					
15	45-49	Former	292.00	26.02			14.86	15.00	5.14
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	159.00	16.39	31.00	16.49			
15	50-54	Current MRTP	21.00	2.16					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	285.00	29.38			18.10	12.00	4.21
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	143.00	17.63	23.00	14.65			
15	55-59	Current MRTP	10.00	1.23					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	232.00	28.61			17.58	12.00	5.17
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	104.00	16.75	19.00	15.08			
15	60-64	Current MRTP	17.00	2.74					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	194.00	31.24			20.58	6.00	3.09
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	97.00	18.13	23.00	20.54			
15	65-69	Current MRTP	11.00	2.06					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	171.00	31.96			21.42	8.00	4.68
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	73.00	14.96	19.00	22.09			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	152.00	31.15			23.76	9.00	5.92
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	73.00	13.62	28.00	30.77			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	3.00	0.56					
15	75-79	Former	185.00	34.51			24.64	13.00	7.03
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1458.00	18.15	263.00	14.68			

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	256.00	3.19					
20	All Ages	Current Dual	78.00	0.97					
20	All Ages	Former	2016.00	25.09			18.93	120.00	5.95
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	177.00	21.77	5.00	2.13			
20	30-34	Current MRTP	42.00	5.17					
20	30-34	Current Dual	16.00	1.97					
20	30-34	Former	57.00	7.01			5.56	12.00	21.05
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	196.00	23.22	13.00	5.06			
20	35-39	Current MRTP	51.00	6.04					
20	35-39	Current Dual	10.00	1.18					
20	35-39	Former	109.00	12.91			8.40	17.00	15.60
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	155.00	18.65	28.00	14.66			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	7.00	0.84					
20	40-44	Former	206.00	24.79			14.83	5.00	2.43
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	214.00	21.42	41.00	16.08			
20	45-49	Current MRTP	30.00	3.00					
20	45-49	Current Dual	11.00	1.10					
20	45-49	Former	234.00	23.42			16.98	9.00	3.85
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	217.00	19.34	28.00	11.48			
20	50-54	Current MRTP	21.00	1.87					
20	50-54	Current Dual	6.00	0.53					
20	50-54	Former	317.00	28.25			17.57	16.00	5.05
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	139.00	14.33	38.00	22.35			
20	55-59	Current MRTP	26.00	2.68					
20	55-59	Current Dual	5.00	0.52					
20	55-59	Former	303.00	31.24			20.78	15.00	4.95
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	120.00	14.80	32.00	22.07			
20	60-64	Current MRTP	19.00	2.34					

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	6.00	0.74					
20	60-64	Former	244.00	30.09			20.28	13.00	5.33

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	96.00	15.46	25.00	21.37			
20	65-69	Current MRTP	17.00	2.74					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	203.00	32.69			23.39	10.00	4.93

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	82.00	15.33	27.00	26.73			
20	70-74	Current MRTP	10.00	1.87					
20	70-74	Current Dual	9.00	1.68					
20	70-74	Former	182.00	34.02			23.97	12.00	6.59

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	62.00	12.70	26.00	33.77			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	161.00	32.99			24.72	11.00	6.83

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Main Results for E-Component Summarized over Simulations for Run: 38

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.721	14.421	0.007	0.024	2778.64	842.922	842.720	0.202
1993	202512	62332.320	62287.978	44.342	0.022	0.071	2793.47	859.818	859.206	0.612
1994	200658	62691.239	62636.013	55.226	0.028	0.088	2725.82	851.622	850.872	0.750
1995	201023	63132.954	63048.213	84.741	0.042	0.134	2687.54	844.043	842.910	1.133
1996	201180	64309.880	64285.361	24.519	0.012	0.038	2653.67	848.280	847.957	0.323
1997	198639	64547.894	64503.557	44.337	0.022	0.069	2583.39	839.475	838.898	0.577
1998	197573	65384.866	65244.479	140.387	0.071	0.215	2533.29	838.367	836.567	1.800
1999	211329	67554.762	67311.417	243.345	0.115	0.360	2673.14	854.513	851.435	3.078
2000	208496	68184.366	67861.776	322.590	0.155	0.473	2604.20	851.652	847.622	4.029
2001	203606	68286.060	67837.814	448.246	0.220	0.656	2514.65	843.372	837.836	5.536
2002	200828	68983.996	68479.289	504.707	0.251	0.732	2455.47	843.450	837.279	6.171
2003	196352	68717.830	67995.112	722.718	0.368	1.052	2377.49	832.057	823.307	8.751
2004	188160	67344.952	66323.563	1021.389	0.543	1.517	2254.66	806.974	794.735	12.239
2005	186416	67846.650	66614.387	1232.263	0.661	1.816	2208.07	803.634	789.038	14.596
2006	180088	66622.465	64918.500	1703.965	0.946	2.558	2113.55	781.893	761.895	19.998
2007	175644	65977.201	63963.787	2013.414	1.146	3.052	2039.92	766.256	742.873	23.384
2008	177570	67121.344	64966.807	2154.537	1.213	3.210	2039.03	770.751	746.010	24.740
2009	172806	66622.993	64163.594	2459.399	1.423	3.692	1961.22	756.123	728.210	27.912

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1289073.141	13243.22	0.340	1.017	2465.77	823.300	814.928	8.372

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Main Results for E-Component Summarized over Simulations for Run: 38

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.052	3.395	0.007	0.010	635.738	459.227	459.180	0.048
1993	46291	33467.735	33459.704	8.032	0.017	0.024	638.542	461.657	461.546	0.111
1994	47017	33989.389	33982.720	6.668	0.014	0.020	638.697	461.725	461.635	0.091
1995	47840	34566.580	34553.909	12.671	0.026	0.037	639.587	462.131	461.962	0.169
1996	48244	34997.958	35010.531	-12.573	-0.026	-0.036	636.363	461.641	461.807	-0.166
1997	49035	35549.658	35554.895	-5.237	-0.011	-0.015	637.723	462.340	462.408	-0.068
1998	49686	36138.033	36122.259	15.775	0.032	0.044	637.076	463.363	463.161	0.202
1999	48883	35506.142	35479.303	26.839	0.055	0.076	618.331	449.124	448.785	0.339
2000	50331	36573.306	36523.778	49.528	0.098	0.135	628.656	456.816	456.197	0.619
2001	50389	36733.445	36654.044	79.401	0.158	0.216	622.333	453.679	452.699	0.981
2002	51445	37627.700	37522.300	105.400	0.205	0.280	629.005	460.065	458.776	1.289
2003	51408	37552.784	37374.823	177.961	0.346	0.474	622.464	454.701	452.546	2.155
2004	51399	37527.823	37254.000	273.823	0.533	0.730	615.898	449.684	446.403	3.281
2005	51421	37486.186	37154.675	331.511	0.645	0.884	609.074	444.018	440.092	3.927
2006	51355	37409.496	36900.523	508.973	0.991	1.361	602.712	439.045	433.071	5.973
2007	51839	37602.867	36977.429	625.439	1.207	1.663	602.056	436.718	429.454	7.264
2008	50976	36986.957	36342.017	644.939	1.265	1.744	585.355	424.719	417.314	7.406
2009	51193	37201.944	36429.513	772.431	1.509	2.076	581.003	422.215	413.449	8.767

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	708275.594	3629.245	0.370	0.510	619.890	450.053	447.759	2.294

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Main Results for E-Component Summarized over Simulations for Run: 38

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12330.830	7.165	0.008	0.058	1311.71	172.682	172.582	0.100
1993	93679	12401.934	12376.406	25.528	0.027	0.206	1292.22	171.073	170.721	0.352
1994	90832	12128.576	12089.780	38.795	0.043	0.320	1233.90	164.759	164.232	0.527
1995	89698	11958.696	11906.540	52.156	0.058	0.436	1199.20	159.879	159.182	0.697
1996	88286	12020.749	11970.275	50.474	0.057	0.420	1164.54	158.560	157.894	0.666
1997	84777	11593.724	11529.059	64.664	0.076	0.558	1102.56	150.782	149.941	0.841
1998	82517	11337.035	11226.040	110.995	0.135	0.979	1058.04	145.364	143.941	1.423
1999	93939	13027.458	12836.661	190.797	0.203	1.465	1188.25	164.787	162.373	2.413
2000	90039	12607.547	12395.314	212.234	0.236	1.683	1124.63	157.474	154.823	2.651
2001	86119	12350.451	12068.857	281.594	0.327	2.280	1063.62	152.535	149.057	3.478
2002	83014	12112.097	11804.409	307.688	0.371	2.540	1014.99	148.092	144.330	3.762
2003	79302	11683.252	11314.686	368.567	0.465	3.155	960.214	141.465	137.002	4.463
2004	73861	11139.095	10667.369	471.726	0.639	4.235	885.053	133.476	127.824	5.653
2005	71649	10884.683	10347.118	537.565	0.750	4.939	848.672	128.927	122.560	6.367
2006	67551	10397.565	9746.853	650.712	0.963	6.258	792.791	122.028	114.391	7.637
2007	63503	9785.831	9048.547	737.284	1.161	7.534	737.521	113.652	105.089	8.563
2008	63171	9922.524	9137.528	784.996	1.243	7.911	725.389	113.940	104.926	9.014
2009	59747	9483.598	8639.482	844.115	1.413	8.901	678.085	107.632	98.052	9.580

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	226745.793	5736.757	0.348	2.468	1043.56	146.971	143.344	3.627

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Main Results for E-Component Summarized over Simulations for Run: 38

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 38 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.851	1.597	0.005	0.052	455.708	43.324	43.301	0.022
1993	32768	3114.516	3107.730	6.786	0.021	0.218	452.005	42.962	42.868	0.094
1994	33005	3168.398	3157.992	10.407	0.032	0.328	448.353	43.041	42.899	0.141
1995	33730	3200.274	3184.833	15.441	0.046	0.483	450.946	42.785	42.579	0.206
1996	33750	3234.738	3218.811	15.928	0.047	0.492	445.180	42.668	42.458	0.210
1997	33699	3240.665	3228.724	11.940	0.035	0.368	438.271	42.146	41.991	0.155
1998	33274	3171.578	3143.611	27.967	0.084	0.882	426.640	40.666	40.307	0.359
1999	33891	3153.786	3105.444	48.342	0.143	1.533	428.694	39.893	39.281	0.611
2000	33827	3237.043	3169.810	67.233	0.199	2.077	422.514	40.432	39.592	0.840
2001	32506	3110.972	3021.488	89.483	0.275	2.876	401.468	38.422	37.317	1.105
2002	32078	3123.298	3019.213	104.084	0.324	3.333	392.210	38.188	36.915	1.273
2003	30568	3025.984	2905.991	119.993	0.393	3.965	370.127	36.640	35.187	1.453
2004	29388	2983.453	2826.964	156.489	0.532	5.245	352.147	35.750	33.875	1.875
2005	27954	2926.679	2749.951	176.728	0.632	6.039	331.111	34.666	32.573	2.093
2006	27201	2889.308	2679.614	209.694	0.771	7.258	319.236	33.909	31.448	2.461
2007	26302	2810.025	2569.993	240.033	0.913	8.542	305.470	32.636	29.848	2.788
2008	25998	2773.025	2524.517	248.508	0.956	8.962	298.534	31.843	28.989	2.854
2009	25040	2723.293	2448.586	274.707	1.097	10.087	284.186	30.907	27.790	3.118

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59465.889	1825.854	0.293	2.979	394.195	38.747	37.593	1.154

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Main Results for E-Component Summarized over Simulations for Run: 38

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.988	2.264	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13344.138	3.996	0.013	0.030	410.705	184.125	184.070	0.055
1994	29804	13404.876	13405.521	-0.645	-0.002	-0.005	404.869	182.097	182.106	-0.009
1995	29755	13407.404	13402.932	4.472	0.015	0.033	397.803	179.248	179.188	0.060
1996	30900	14056.435	14085.745	-29.310	-0.095	-0.209	407.587	185.412	185.798	-0.387
1997	31128	14163.848	14190.879	-27.031	-0.087	-0.191	404.834	184.207	184.559	-0.352
1998	32096	14738.220	14752.570	-14.350	-0.045	-0.097	411.536	188.974	189.158	-0.184
1999	34616	15867.376	15890.009	-22.633	-0.065	-0.143	437.865	200.710	200.996	-0.286
2000	34299	15766.470	15772.875	-6.405	-0.019	-0.041	428.409	196.930	197.010	-0.080
2001	34592	16091.193	16093.425	-2.232	-0.006	-0.014	427.231	198.736	198.763	-0.028
2002	34291	16120.902	16133.367	-12.465	-0.036	-0.077	419.268	197.106	197.259	-0.152
2003	35074	16455.810	16399.613	56.198	0.160	0.342	424.687	199.252	198.572	0.680
2004	33512	15694.580	15575.230	119.350	0.356	0.760	401.564	188.063	186.633	1.430
2005	35392	16549.102	16362.643	186.459	0.527	1.127	419.213	196.022	193.813	2.209
2006	33981	15926.096	15591.510	334.586	0.985	2.101	398.807	186.912	182.985	3.927
2007	34000	15778.477	15367.820	410.658	1.208	2.603	394.875	183.251	178.481	4.769
2008	37425	17438.838	16962.745	476.093	1.272	2.730	429.749	200.249	194.782	5.467
2009	36826	17214.158	16646.013	568.145	1.543	3.300	417.948	195.368	188.920	6.448

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294585.866	2051.367	0.318	0.692	408.132	187.528	186.232	1.297

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 39

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA20
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 39, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 39, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA20

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.020000	0.000400	0.000500	0.020000	0.000400	0.000500
15-19	1-24	0.020000	0.000400	0.001500	0.020000	0.000400	0.001500
20-24	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
25-29	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
30-34	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
35-39	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
40-44	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
45-49	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
50-54	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
55-59	1-24	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
60-64	1-24	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
65-69	1-24	0.020000	0.000400	0.003000	0.020000	0.000400	0.003000
70-74	1-24	0.020000	0.000400	0.003500	0.020000	0.000400	0.003500
75-79	1-24	0.020000	0.000400	0.004000	0.020000	0.000400	0.004000
10-14	25+	0.020000	0.000400	0.000500	0.020000	0.000400	0.000500
15-19	25+	0.020000	0.000400	0.001500	0.020000	0.000400	0.001500
20-24	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
25-29	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
30-34	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
35-39	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
40-44	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
45-49	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
50-54	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
55-59	25+	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
60-64	25+	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
65-69	25+	0.020000	0.000400	0.003000	0.020000	0.000400	0.003000
70-74	25+	0.020000	0.000400	0.003500	0.020000	0.000400	0.003500
75-79	25+	0.020000	0.000400	0.004000	0.020000	0.000400	0.004000

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 39, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 39, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2525.00	27.51	142.00	5.31			
5	All Ages	Current MRTP	97.00	1.06					
5	All Ages	Current Dual	53.00	0.58					
5	All Ages	Former	2601.00	28.34			15.48	154.00	5.92

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	46.00	13.57	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	6.00	1.77					
5	18-19	Former	3.00	0.88			0.67	2.00	66.67

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	244.00	26.67	1.00	0.38			
5	20-24	Current MRTP	10.00	1.09					
5	20-24	Current Dual	9.00	0.98					
5	20-24	Former	33.00	3.61			2.97	8.00	24.24
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	291.00	30.38	5.00	1.62			
5	25-29	Current MRTP	15.00	1.57					
5	25-29	Current Dual	3.00	0.31					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	361.00	33.61	9.00	2.38			
5	30-34	Current MRTP	8.00	0.74					
5	30-34	Current Dual	9.00	0.84					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	343.00	31.67	14.00	3.99			
5	35-39	Current MRTP	6.00	0.55					
5	35-39	Current Dual	2.00	0.18					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	286.00	29.39	14.00	4.76			
5	40-44	Current MRTP	6.00	0.62					
5	40-44	Current Dual	2.00	0.21					
5	40-44	Former	273.00	28.06			12.18	11.00	4.03
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	240.00	27.94	11.00	4.35			
5	45-49	Current MRTP	9.00	1.05					
5	45-49	Current Dual	4.00	0.47					
5	45-49	Former	298.00	34.69			13.81	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	12.00	5.85			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	233.00	36.98			17.47	8.00	3.43
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	143.00	27.29	12.00	8.05			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	118.00	22.91	16.00	12.40			
5	60-64	Current MRTP	8.00	1.55					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	74.00	16.52	20.00	23.26			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	4.00	0.89					
5	70-74	Former	256.00	57.14			22.27	10.00	3.91

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	70.00	19.50	14.00	18.18			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	214.00	59.61			23.80	9.00	4.21

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2452.00	26.15	241.00	8.91			
10	All Ages	Current MRTP	180.00	1.92					
10	All Ages	Current Dual	74.00	0.79					
10	All Ages	Former	2596.00	27.69			17.23	160.00	6.16

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	213.00	23.77	0.00	0.00			
10	20-24	Current MRTP	23.00	2.57					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	20.00	2.23			2.20	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	263.00	28.74	5.00	1.66			
10	25-29	Current MRTP	18.00	1.97					
10	25-29	Current Dual	20.00	2.19					
10	25-29	Former	61.00	6.67			4.92	16.00	26.23

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	275.00	28.71	11.00	3.48			
10	30-34	Current MRTP	28.00	2.92					
10	30-34	Current Dual	13.00	1.36					
10	30-34	Former	143.00	14.93			7.93	14.00	9.79

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	340.00	31.66	21.00	5.82			
10	35-39	Current MRTP	16.00	1.49					
10	35-39	Current Dual	5.00	0.47					
10	35-39	Former	225.00	20.95			9.99	14.00	6.22

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	297.00	27.42	23.00	7.30			
10	40-44	Current MRTP	14.00	1.29					
10	40-44	Current Dual	4.00	0.37					
10	40-44	Former	290.00	26.78			10.87	22.00	7.59

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	263.00	27.03	24.00	8.60			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	3.00	0.31					
10	45-49	Former	288.00	29.60			15.77	14.00	4.86

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	220.00	25.61	29.00	11.93			
10	50-54	Current MRTP	18.00	2.10					
10	50-54	Current Dual	5.00	0.58					
10	50-54	Former	308.00	35.86			17.24	7.00	2.27
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	26.00	13.76			
10	55-59	Current MRTP	17.00	2.70					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	249.00	39.52			20.22	8.00	3.21
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	18.00	13.43			
10	60-64	Current MRTP	3.00	0.57					
10	60-64	Current Dual	3.00	0.57					
10	60-64	Former	235.00	44.85			19.57	13.00	5.53
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	107.00	20.78	22.00	18.97			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	0.00	0.00					
10	65-69	Former	258.00	50.10			21.42	16.00	6.20
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	109.00	21.80	34.00	27.42			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	2.00	0.40					
10	70-74	Former	256.00	51.20			24.64	15.00	5.86
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	67.00	14.96	28.00	35.44			
10	75-79	Current MRTP	8.00	1.79					
10	75-79	Current Dual	4.00	0.89					
10	75-79	Former	263.00	58.71			24.80	13.00	4.94
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2242.00	25.11	309.00	12.14			
15	All Ages	Current MRTP	240.00	2.69					
15	All Ages	Current Dual	63.00	0.71					
15	All Ages	Former	2514.00	28.16			18.77	135.00	5.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	240.00	26.79	2.00	0.71			
15	25-29	Current MRTP	32.00	3.57					
15	25-29	Current Dual	11.00	1.23					
15	25-29	Former	48.00	5.36			3.98	11.00	22.92
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	262.00	28.63	11.00	3.64			
15	30-34	Current MRTP	27.00	2.95					
15	30-34	Current Dual	13.00	1.42					
15	30-34	Former	88.00	9.62			6.85	14.00	15.91
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	260.00	27.14	21.00	6.98			
15	35-39	Current MRTP	32.00	3.34					
15	35-39	Current Dual	9.00	0.94					
15	35-39	Former	167.00	17.43			10.59	17.00	10.18
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	301.00	28.03	26.00	7.98			
15	40-44	Current MRTP	21.00	1.96					
15	40-44	Current Dual	4.00	0.37					
15	40-44	Former	260.00	24.21			12.67	15.00	5.77
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	277.00	25.58	38.00	12.50			
15	45-49	Current MRTP	22.00	2.03					
15	45-49	Current Dual	5.00	0.46					
15	45-49	Former	301.00	27.79			14.81	9.00	2.99
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	226.00	23.23	29.00	11.65			
15	50-54	Current MRTP	19.00	1.95					
15	50-54	Current Dual	4.00	0.41					
15	50-54	Former	318.00	32.68			18.39	13.00	4.09
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	199.00	23.17	39.00	17.26			
15	55-59	Current MRTP	23.00	2.68					
15	55-59	Current Dual	4.00	0.47					
15	55-59	Former	325.00	37.83			20.26	19.00	5.85
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	163.00	25.87	37.00	19.79			
15	60-64	Current MRTP	22.00	3.49					
15	60-64	Current Dual	2.00	0.32					
15	60-64	Former	251.00	39.84			23.23	9.00	3.59
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	120.00	22.90	29.00	21.80			
15	65-69	Current MRTP	10.00	1.91					
15	65-69	Current Dual	3.00	0.57					
15	65-69	Former	236.00	45.04			22.72	9.00	3.81
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	96.00	18.64	36.00	30.25			
15	70-74	Current MRTP	17.00	3.30					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	255.00	49.51			24.90	7.00	2.75
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	41.00	35.65			
15	75-79	Current MRTP	15.00	3.00					
15	75-79	Current Dual	2.00	0.40					
15	75-79	Former	265.00	53.00			26.00	12.00	4.53
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1968.00	23.35	364.00	15.94			

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	256.00	3.04					
20	All Ages	Current Dual	59.00	0.70					
20	All Ages	Former	2424.00	28.76			19.90	135.00	5.57
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	231.00	25.78	7.00	2.58			
20	30-34	Current MRTP	33.00	3.68					
20	30-34	Current Dual	7.00	0.78					
20	30-34	Former	78.00	8.71			6.19	13.00	16.67
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	244.00	26.67	14.00	4.86			
20	35-39	Current MRTP	37.00	4.04					
20	35-39	Current Dual	7.00	0.77					
20	35-39	Former	112.00	12.24			8.99	13.00	11.61
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	244.00	25.47	25.00	8.83			
20	40-44	Current MRTP	32.00	3.34					
20	40-44	Current Dual	7.00	0.73					
20	40-44	Former	185.00	19.31			13.59	10.00	5.41
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	282.00	26.26	37.00	12.09			
20	45-49	Current MRTP	18.00	1.68					
20	45-49	Current Dual	6.00	0.56					
20	45-49	Former	280.00	26.07			15.75	14.00	5.00
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	241.00	22.25	44.00	15.94			
20	50-54	Current MRTP	31.00	2.86					
20	50-54	Current Dual	4.00	0.37					
20	50-54	Former	329.00	30.38			17.41	15.00	4.56
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	209.00	21.48	42.00	17.95			
20	55-59	Current MRTP	19.00	1.95					
20	55-59	Current Dual	6.00	0.62					
20	55-59	Former	333.00	34.22			21.35	14.00	4.20
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	184.00	21.42	51.00	23.72			
20	60-64	Current MRTP	26.00	3.03					

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	5.00	0.58					
20	60-64	Former	336.00	39.12			22.62	16.00	4.76

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	135.00	21.43	43.00	26.54			
20	65-69	Current MRTP	24.00	3.81					
20	65-69	Current Dual	3.00	0.48					
20	65-69	Former	276.00	43.81			23.85	19.00	6.88

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	110.00	20.99	46.00	35.11			
20	70-74	Current MRTP	17.00	3.24					
20	70-74	Current Dual	4.00	0.76					
20	70-74	Former	238.00	45.42			25.51	9.00	3.78

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	88.00	17.09	55.00	47.01			
20	75-79	Current MRTP	19.00	3.69					
20	75-79	Current Dual	10.00	1.94					
20	75-79	Former	257.00	49.90			26.15	12.00	4.67

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Main Results for E-Component Summarized over Simulations for Run: 39

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121997.618	146.101	0.047	0.120	4692.62	1857.47	1855.25	2.222
1993	311713	123269.216	122944.496	324.720	0.104	0.263	4656.77	1841.55	1836.70	4.851
1994	305700	120480.723	120005.847	474.876	0.155	0.394	4482.57	1766.64	1759.68	6.963
1995	303225	118666.569	117978.283	688.286	0.227	0.580	4361.58	1706.89	1696.99	9.900
1996	299559	116607.195	115755.919	851.276	0.284	0.730	4242.85	1651.58	1639.53	12.057
1997	294226	114665.051	113708.327	956.724	0.325	0.834	4100.64	1598.09	1584.76	13.334
1998	289258	113038.380	111948.964	1089.416	0.377	0.964	3966.28	1549.97	1535.03	14.938
1999	311002	117067.463	115631.622	1435.841	0.462	1.227	4198.14	1580.27	1560.88	19.382
2000	303786	114977.407	113403.632	1573.775	0.518	1.369	4041.13	1529.49	1508.56	20.935
2001	296294	113047.319	111392.237	1655.082	0.559	1.464	3890.54	1484.39	1462.65	21.732
2002	291898	111744.742	109962.306	1782.436	0.611	1.595	3789.34	1450.64	1427.50	23.139
2003	285865	110551.854	108669.807	1882.047	0.658	1.702	3671.31	1419.80	1395.62	24.171
2004	274177	107418.262	105522.307	1895.954	0.692	1.765	3481.92	1364.16	1340.09	24.078
2005	272379	107678.770	105688.196	1990.573	0.731	1.849	3417.44	1351.01	1326.03	24.975
2006	264118	104357.806	102407.322	1950.484	0.738	1.869	3281.83	1296.71	1272.47	24.236
2007	258419	102690.449	100748.335	1942.114	0.752	1.891	3176.05	1262.10	1238.23	23.869
2008	259461	103492.166	101268.734	2223.432	0.857	2.148	3150.91	1256.82	1229.82	27.002
2009	253907	101384.044	99036.144	2347.900	0.925	2.316	3045.20	1215.94	1187.78	28.159

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2247999.011	25244.67	0.434	1.111	3927.78	1535.76	1518.70	17.055

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Main Results for E-Component Summarized over Simulations for Run: 39

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62503.967	31.381	0.040	0.050	1185.97	950.993	950.516	0.477
1993	78542	62883.111	62818.981	64.130	0.082	0.102	1173.36	939.428	938.470	0.958
1994	77437	61805.804	61708.714	97.090	0.125	0.157	1135.48	906.276	904.853	1.424
1995	76904	61145.799	61002.126	143.674	0.187	0.235	1106.18	879.519	877.452	2.067
1996	76232	60385.323	60209.070	176.252	0.231	0.292	1079.72	855.277	852.781	2.496
1997	75473	59549.806	59363.923	185.883	0.246	0.312	1051.87	829.947	827.356	2.591
1998	75381	59292.315	59047.840	244.474	0.324	0.412	1033.62	813.010	809.658	3.352
1999	73159	57398.351	57101.449	296.902	0.406	0.517	987.557	774.807	770.799	4.008
2000	73784	57716.549	57354.416	362.132	0.491	0.627	981.515	767.777	762.960	4.817
2001	73294	57211.877	56817.838	394.039	0.538	0.689	962.399	751.230	746.056	5.174
2002	72442	56438.810	56010.714	428.096	0.591	0.759	940.422	732.673	727.116	5.557
2003	71942	55948.341	55520.548	427.794	0.595	0.765	923.937	718.533	713.039	5.494
2004	71301	55339.218	54893.279	445.940	0.625	0.806	905.490	702.783	697.120	5.663
2005	70964	54964.459	54508.217	456.242	0.643	0.830	890.360	689.620	683.895	5.724
2006	69658	53781.526	53345.481	436.046	0.626	0.811	865.543	668.268	662.850	5.418
2007	68565	52784.985	52356.842	428.143	0.624	0.811	842.687	648.745	643.483	5.262
2008	68226	52470.692	51957.909	512.783	0.752	0.977	828.542	637.208	630.981	6.227
2009	67509	51823.021	51283.923	539.098	0.799	1.040	809.661	621.533	615.068	6.466

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1154309.561	5678.968	0.385	0.490	997.213	783.665	779.829	3.837

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Main Results for E-Component Summarized over Simulations for Run: 39

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35776.758	87.093	0.053	0.243	2502.33	545.392	544.068	1.324
1993	164362	35459.800	35264.623	195.177	0.119	0.550	2455.45	529.744	526.828	2.916
1994	159866	34293.631	34019.399	274.233	0.172	0.800	2344.16	502.857	498.836	4.021
1995	158083	33531.695	33143.524	388.171	0.246	1.158	2273.86	482.318	476.735	5.583
1996	154875	32438.163	31960.422	477.741	0.308	1.473	2193.60	459.443	452.676	6.767
1997	149970	31179.663	30634.096	545.566	0.364	1.750	2090.14	434.552	426.948	7.604
1998	145407	29860.736	29287.595	573.141	0.394	1.919	1993.81	409.447	401.588	7.859
1999	165952	34413.904	33633.001	780.903	0.471	2.269	2240.15	464.545	454.004	10.541
2000	160260	33265.290	32457.227	808.063	0.504	2.429	2131.87	442.513	431.764	10.749
2001	154444	32074.102	31235.723	838.379	0.543	2.614	2027.95	421.154	410.146	11.008
2002	151887	31817.956	30925.589	892.368	0.588	2.805	1971.76	413.052	401.468	11.584
2003	146733	31025.931	30042.797	983.134	0.670	3.169	1884.46	398.460	385.834	12.626
2004	138381	29503.602	28513.022	990.581	0.716	3.357	1757.38	374.682	362.102	12.580
2005	135881	29077.894	28040.540	1037.354	0.763	3.568	1704.85	364.830	351.815	13.015
2006	131922	28385.448	27327.641	1057.807	0.802	3.727	1639.21	352.707	339.563	13.144
2007	126502	27327.625	26263.728	1063.897	0.841	3.893	1554.75	335.866	322.790	13.076
2008	125859	27025.472	25871.185	1154.287	0.917	4.271	1528.44	328.199	314.182	14.018
2009	122428	26361.626	25118.633	1242.992	1.015	4.715	1468.33	316.165	301.257	14.908

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	624945.925	13410.75	0.447	2.101	2024.64	431.261	422.201	9.060

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Main Results for E-Component Summarized over Simulations for Run: 39

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 39 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.501	12.695	0.040	0.290	488.154	66.474	66.281	0.193
1993	32896	4414.136	4380.848	33.288	0.101	0.754	491.442	65.944	65.447	0.497
1994	33323	4474.895	4424.250	50.645	0.152	1.132	488.625	65.617	64.874	0.743
1995	33569	4476.290	4401.529	74.762	0.223	1.670	482.855	64.387	63.311	1.075
1996	33870	4489.078	4391.737	97.341	0.287	2.168	479.723	63.582	62.203	1.379
1997	33516	4444.866	4323.707	121.159	0.361	2.726	467.113	61.948	60.260	1.689
1998	32795	4313.427	4199.152	114.275	0.348	2.649	449.682	59.145	57.578	1.567
1999	33375	4232.739	4101.166	131.573	0.394	3.108	450.521	57.137	55.361	1.776
2000	33459	4307.577	4177.029	130.549	0.390	3.031	445.090	57.302	55.565	1.737
2001	32275	4136.308	4014.260	122.048	0.378	2.951	423.792	54.312	52.710	1.603
2002	31586	4079.175	3957.264	121.911	0.386	2.989	410.041	52.955	51.372	1.583
2003	30985	4096.221	3943.575	152.646	0.493	3.727	397.934	52.607	50.647	1.960
2004	29884	4034.217	3882.590	151.627	0.507	3.759	379.513	51.233	49.307	1.926
2005	28708	3944.303	3791.217	153.086	0.533	3.881	360.189	49.488	47.567	1.921
2006	28188	3970.169	3806.624	163.545	0.580	4.119	350.253	49.332	47.300	2.032
2007	28026	3957.558	3785.981	171.577	0.612	4.335	344.449	48.640	46.531	2.109
2008	27128	3812.302	3649.072	163.230	0.602	4.282	329.444	46.297	44.315	1.982
2009	27068	3827.467	3640.751	186.716	0.690	4.878	324.637	45.904	43.665	2.239

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	82303.521	2153.982	0.343	2.550	424.421	57.058	55.603	1.455

****

Main Results for E-Component Summarized over Simulations for Run: 39

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.392	14.932	0.044	0.077	516.166	294.616	294.389	0.227
1993	35913	20512.169	20480.045	32.124	0.089	0.157	536.514	306.437	305.957	0.480
1994	35074	19906.392	19853.483	52.909	0.151	0.266	514.300	291.893	291.117	0.776
1995	34669	19512.784	19431.105	81.679	0.236	0.419	498.677	280.671	279.496	1.175
1996	34582	19294.631	19194.689	99.941	0.289	0.518	489.808	273.283	271.867	1.416
1997	35267	19490.717	19386.601	104.116	0.295	0.534	491.517	271.643	270.192	1.451
1998	35675	19571.902	19414.376	157.526	0.442	0.805	489.172	268.368	266.208	2.160
1999	38516	21022.469	20796.006	226.463	0.588	1.077	519.919	283.777	280.721	3.057
2000	36283	19687.992	19414.960	273.031	0.753	1.387	482.656	261.900	258.268	3.632
2001	36281	19625.032	19324.416	300.615	0.829	1.532	476.394	257.690	253.742	3.947
2002	35983	19408.801	19068.740	340.061	0.945	1.752	467.122	251.960	247.545	4.415
2003	36205	19481.360	19162.887	318.473	0.880	1.635	464.974	250.195	246.105	4.090
2004	34611	18541.224	18233.417	307.808	0.889	1.660	439.544	235.465	231.556	3.909
2005	36826	19692.114	19348.222	343.892	0.934	1.746	462.043	247.070	242.755	4.315
2006	34350	18220.663	17927.577	293.086	0.853	1.609	426.820	226.403	222.761	3.642
2007	35326	18620.282	18341.784	278.498	0.788	1.496	434.168	228.849	225.427	3.423
2008	38248	20183.701	19790.568	393.133	1.028	1.948	464.487	245.112	240.338	4.774
2009	36902	19371.930	18992.836	379.094	1.027	1.957	442.580	232.335	227.788	4.547

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	386440.004	4000.970	0.561	1.025	481.512	263.774	261.071	2.703

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 40

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA20
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 40, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 40, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA20

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.020000	0.000400	0.000500	0.020000	0.000400	0.000500
15-19	1-24	0.020000	0.000400	0.001500	0.020000	0.000400	0.001500
20-24	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
25-29	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
30-34	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
35-39	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
40-44	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
45-49	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
50-54	1-24	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
55-59	1-24	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
60-64	1-24	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
65-69	1-24	0.020000	0.000400	0.003000	0.020000	0.000400	0.003000
70-74	1-24	0.020000	0.000400	0.003500	0.020000	0.000400	0.003500
75-79	1-24	0.020000	0.000400	0.004000	0.020000	0.000400	0.004000
10-14	25+	0.020000	0.000400	0.000500	0.020000	0.000400	0.000500
15-19	25+	0.020000	0.000400	0.001500	0.020000	0.000400	0.001500
20-24	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
25-29	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
30-34	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
35-39	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
40-44	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
45-49	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
50-54	25+	0.020000	0.000400	0.002000	0.020000	0.000400	0.002000
55-59	25+	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
60-64	25+	0.020000	0.000400	0.002500	0.020000	0.000400	0.002500
65-69	25+	0.020000	0.000400	0.003000	0.020000	0.000400	0.003000
70-74	25+	0.020000	0.000400	0.003500	0.020000	0.000400	0.003500
75-79	25+	0.020000	0.000400	0.004000	0.020000	0.000400	0.004000

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 40, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 40, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2071.00	22.81	118.00	5.35			
5	All Ages	Current MRTP	81.00	0.89					
5	All Ages	Current Dual	53.00	0.58					
5	All Ages	Former	1989.00	21.91			14.76	110.00	5.53

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	34.00	11.41	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	7.00	2.35					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	230.00	27.25	3.00	1.17			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	12.00	1.42					
5	20-24	Former	29.00	3.44			2.90	9.00	31.03
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	212.00	25.51	11.00	4.76			
5	25-29	Current MRTP	12.00	1.44					
5	25-29	Current Dual	7.00	0.84					
5	25-29	Former	137.00	16.49			5.42	13.00	9.49
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	12.00	4.07			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	182.00	18.22			7.81	11.00	6.04
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	313.00	27.90	9.00	2.77			
5	35-39	Current MRTP	9.00	0.80					
5	35-39	Current Dual	3.00	0.27					
5	35-39	Former	236.00	21.03			8.57	14.00	5.93
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	216.00	22.27	9.00	4.05			
5	40-44	Current MRTP	6.00	0.62					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	251.00	25.88			11.61	13.00	5.18
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	8.00	4.35			
5	45-49	Current MRTP	5.00	0.62					
5	45-49	Current Dual	4.00	0.49					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	122.00	22.80	7.00	5.43			
5	55-59	Current MRTP	5.00	0.93					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	110.00	20.52	15.00	13.04			
5	65-69	Current MRTP	1.00	0.19					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	161.00	30.04			21.22	7.00	4.35
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	81.00	15.03	15.00	17.65			
5	70-74	Current MRTP	3.00	0.56					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	174.00	32.28			24.93	5.00	2.87

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	53.00	10.91	13.00	22.03			
5	75-79	Current MRTP	4.00	0.82					
5	75-79	Current Dual	2.00	0.41					
5	75-79	Former	160.00	32.92			27.83	3.00	1.88

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1987.00	21.81	188.00	8.53			
10	All Ages	Current MRTP	155.00	1.70					
10	All Ages	Current Dual	61.00	0.67					
10	All Ages	Former	2008.00	22.04			16.23	111.00	5.53

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	160.00	19.68	0.00	0.00			
10	20-24	Current MRTP	19.00	2.34					
10	20-24	Current Dual	15.00	1.85					
10	20-24	Former	18.00	2.21			2.72	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	232.00	27.49	4.00	1.47			
10	25-29	Current MRTP	24.00	2.84					
10	25-29	Current Dual	16.00	1.90					
10	25-29	Former	49.00	5.81			5.22	10.00	20.41

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	207.00	24.91	15.00	6.52			
10	30-34	Current MRTP	17.00	2.05					
10	30-34	Current Dual	6.00	0.72					
10	30-34	Former	160.00	19.25			8.83	13.00	8.13

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	260.00	26.03	25.00	8.59			
10	35-39	Current MRTP	21.00	2.10					
10	35-39	Current Dual	10.00	1.00					
10	35-39	Former	198.00	19.82			11.13	9.00	4.55

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	278.00	24.78	21.00	7.19			
10	40-44	Current MRTP	10.00	0.89					
10	40-44	Current Dual	4.00	0.36					
10	40-44	Former	269.00	23.98			11.54	16.00	5.95

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	189.00	19.48	21.00	10.10			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	265.00	27.32			15.28	8.00	3.02

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	163.00	20.10	17.00	9.88			
10	50-54	Current MRTP	9.00	1.11					
10	50-54	Current Dual	0.00	0.00					
10	50-54	Former	217.00	26.76			14.53	10.00	4.61
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	133.00	21.42	16.00	11.19			
10	55-59	Current MRTP	8.00	1.29					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	111.00	20.75	10.00	8.55			
10	60-64	Current MRTP	6.00	1.12					
10	60-64	Current Dual	0.00	0.00					
10	60-64	Former	166.00	31.03			18.12	8.00	4.82
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	89.00	18.24	9.00	9.38			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	142.00	29.10			23.32	6.00	4.23
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	93.00	17.35	20.00	19.42			
10	70-74	Current MRTP	9.00	1.68					
10	70-74	Current Dual	1.00	0.19					
10	70-74	Former	173.00	32.28			23.54	9.00	5.20
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	72.00	13.36	30.00	35.29			
10	75-79	Current MRTP	12.00	2.23					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	174.00	32.28			27.14	11.00	6.32
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1781.00	20.78	243.00	11.99			
15	All Ages	Current MRTP	197.00	2.30					
15	All Ages	Current Dual	49.00	0.57					
15	All Ages	Former	2020.00	23.57			17.45	126.00	6.24
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	186.00	22.88	3.00	1.29			
15	25-29	Current MRTP	33.00	4.06					
15	25-29	Current Dual	14.00	1.72					
15	25-29	Former	34.00	4.18			4.21	13.00	38.24
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	235.00	27.84	11.00	3.91			
15	30-34	Current MRTP	40.00	4.74					
15	30-34	Current Dual	6.00	0.71					
15	30-34	Former	73.00	8.65			6.95	15.00	20.55
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	191.00	22.98	26.00	12.38			
15	35-39	Current MRTP	17.00	2.05					
15	35-39	Current Dual	2.00	0.24					
15	35-39	Former	187.00	22.50			11.59	13.00	6.95
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	239.00	23.92	35.00	12.82			
15	40-44	Current MRTP	25.00	2.50					
15	40-44	Current Dual	9.00	0.90					
15	40-44	Former	216.00	21.62			14.28	9.00	4.17
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	254.00	22.64	28.00	10.18			
15	45-49	Current MRTP	16.00	1.43					
15	45-49	Current Dual	5.00	0.45					
15	45-49	Former	286.00	25.49			15.03	14.00	4.90
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	170.00	17.53	29.00	15.51			
15	50-54	Current MRTP	15.00	1.55					
15	50-54	Current Dual	2.00	0.21					
15	50-54	Former	286.00	29.48			18.01	14.00	4.90
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	146.00	18.00	23.00	14.65			
15	55-59	Current MRTP	8.00	0.99					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	232.00	28.61			17.56	11.00	4.74
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	110.00	17.71	19.00	15.20			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	2.00	0.32					
15	60-64	Former	195.00	31.40			20.48	7.00	3.59
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	99.00	18.50	24.00	21.62			
15	65-69	Current MRTP	9.00	1.68					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	172.00	32.15			21.27	8.00	4.65
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	77.00	15.78	18.00	21.18			
15	70-74	Current MRTP	6.00	1.23					
15	70-74	Current Dual	2.00	0.41					
15	70-74	Former	153.00	31.35			23.65	9.00	5.88
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	74.00	13.81	27.00	30.00			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	1.00	0.19					
15	75-79	Former	186.00	34.70			24.51	13.00	6.99
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1571.00	19.55	274.00	15.16			

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	200.00	2.49					
20	All Ages	Current Dual	36.00	0.45					
20	All Ages	Former	2001.00	24.91			19.07	111.00	5.55

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	195.00	23.99	6.00	2.53			
20	30-34	Current MRTP	34.00	4.18					
20	30-34	Current Dual	8.00	0.98					
20	30-34	Former	55.00	6.77			5.95	12.00	21.82

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	216.00	25.59	13.00	4.96			
20	35-39	Current MRTP	43.00	5.09					
20	35-39	Current Dual	3.00	0.36					
20	35-39	Former	104.00	12.32			8.58	17.00	16.35

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	166.00	19.98	27.00	14.44			
20	40-44	Current MRTP	20.00	2.41					
20	40-44	Current Dual	1.00	0.12					
20	40-44	Former	210.00	25.27			14.69	6.00	2.86

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	224.00	22.42	40.00	15.81			
20	45-49	Current MRTP	25.00	2.50					
20	45-49	Current Dual	4.00	0.40					
20	45-49	Former	236.00	23.62			17.07	7.00	2.97

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	238.00	21.21	39.00	15.23			
20	50-54	Current MRTP	14.00	1.25					
20	50-54	Current Dual	4.00	0.36					
20	50-54	Former	305.00	27.18			18.02	12.00	3.93

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	147.00	15.15	36.00	21.43			
20	55-59	Current MRTP	20.00	2.06					
20	55-59	Current Dual	1.00	0.10					
20	55-59	Former	305.00	31.44			20.66	14.00	4.59

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	129.00	15.91	33.00	22.30			
20	60-64	Current MRTP	14.00	1.73					

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	5.00	0.62					
20	60-64	Former	241.00	29.72			20.49	13.00	5.39

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	103.00	16.59	26.00	22.22			
20	65-69	Current MRTP	13.00	2.09					
20	65-69	Current Dual	1.00	0.16					
20	65-69	Former	203.00	32.69			23.42	9.00	4.43

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	86.00	16.07	30.00	29.41			
20	70-74	Current MRTP	9.00	1.68					
20	70-74	Current Dual	7.00	1.31					
20	70-74	Former	181.00	33.83			24.11	10.00	5.52

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	67.00	13.73	24.00	31.17			
20	75-79	Current MRTP	8.00	1.64					
20	75-79	Current Dual	2.00	0.41					
20	75-79	Former	161.00	32.99			24.75	11.00	6.83

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Main Results for E-Component Summarized over Simulations for Run: 40

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60214.752	11.391	0.006	0.019	2778.64	842.922	842.763	0.159
1993	202512	62332.320	62295.667	36.653	0.018	0.059	2793.47	859.818	859.312	0.506
1994	200658	62691.239	62651.313	39.926	0.020	0.064	2725.82	851.622	851.080	0.542
1995	201023	63132.954	63087.340	45.614	0.023	0.072	2687.54	844.043	843.433	0.610
1996	201180	64309.880	64347.995	-38.115	-0.019	-0.059	2653.67	848.280	848.783	-0.503
1997	198639	64547.894	64587.372	-39.479	-0.020	-0.061	2583.39	839.475	839.988	-0.513
1998	197573	65384.866	65366.822	18.044	0.009	0.028	2533.29	838.367	838.136	0.231
1999	211329	67554.762	67428.364	126.398	0.060	0.187	2673.14	854.513	852.915	1.599
2000	208496	68184.366	67995.372	188.994	0.091	0.277	2604.20	851.652	849.291	2.361
2001	203606	68286.060	67981.353	304.708	0.150	0.446	2514.65	843.372	839.609	3.763
2002	200828	68983.996	68652.058	331.938	0.165	0.481	2455.47	843.450	839.392	4.059
2003	196352	68717.830	68190.925	526.905	0.268	0.767	2377.49	832.057	825.677	6.380
2004	188160	67344.952	66536.535	808.417	0.430	1.200	2254.66	806.974	797.287	9.687
2005	186416	67846.650	66846.965	999.685	0.536	1.473	2208.07	803.634	791.793	11.841
2006	180088	66622.465	65174.330	1448.134	0.804	2.174	2113.55	781.893	764.898	16.996
2007	175644	65977.201	64260.910	1716.291	0.977	2.601	2039.92	766.256	746.323	19.933
2008	177570	67121.344	65281.650	1839.694	1.036	2.741	2039.03	770.751	749.626	21.125
2009	172806	66622.993	64521.354	2101.639	1.216	3.155	1961.22	756.123	732.271	23.852

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1291840.850	10475.51	0.269	0.804	2465.77	823.300	816.678	6.622

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Main Results for E-Component Summarized over Simulations for Run: 40

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.774	2.672	0.006	0.008	635.738	459.227	459.190	0.037
1993	46291	33467.735	33461.229	6.506	0.014	0.019	638.542	461.657	461.567	0.090
1994	47017	33989.389	33986.020	3.369	0.007	0.010	638.697	461.725	461.679	0.046
1995	47840	34566.580	34564.171	2.409	0.005	0.007	639.587	462.131	462.099	0.032
1996	48244	34997.958	35027.100	-29.142	-0.060	-0.083	636.363	461.641	462.025	-0.384
1997	49035	35549.658	35578.245	-28.588	-0.058	-0.080	637.723	462.340	462.711	-0.372
1998	49686	36138.033	36156.501	-18.468	-0.037	-0.051	637.076	463.363	463.600	-0.237
1999	48883	35506.142	35507.078	-0.936	-0.002	-0.003	618.331	449.124	449.136	-0.012
2000	50331	36573.306	36556.725	16.582	0.033	0.045	628.656	456.816	456.609	0.207
2001	50389	36733.445	36688.790	44.655	0.089	0.122	622.333	453.679	453.128	0.552
2002	51445	37627.700	37564.236	63.464	0.123	0.169	629.005	460.065	459.289	0.776
2003	51408	37552.784	37424.746	128.038	0.249	0.341	622.464	454.701	453.151	1.550
2004	51399	37527.823	37308.941	218.882	0.426	0.583	615.898	449.684	447.061	2.623
2005	51421	37486.186	37216.085	270.101	0.525	0.721	609.074	444.018	440.819	3.199
2006	51355	37409.496	36973.243	436.253	0.849	1.166	602.712	439.045	433.925	5.120
2007	51839	37602.867	37066.173	536.695	1.035	1.427	602.056	436.718	430.485	6.233
2008	50976	36986.957	36432.899	554.058	1.087	1.498	585.355	424.719	418.357	6.362
2009	51193	37201.944	36538.288	663.656	1.296	1.784	581.003	422.215	414.683	7.532

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	709030.364	2874.475	0.293	0.404	619.890	450.053	448.236	1.817

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Main Results for E-Component Summarized over Simulations for Run: 40

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12332.124	5.872	0.006	0.048	1311.71	172.682	172.600	0.082
1993	93679	12401.934	12380.249	21.685	0.023	0.175	1292.22	171.073	170.774	0.299
1994	90832	12128.576	12097.260	31.316	0.034	0.258	1233.90	164.759	164.334	0.425
1995	89698	11958.696	11922.130	36.566	0.041	0.306	1199.20	159.879	159.391	0.489
1996	88286	12020.749	11994.651	26.098	0.030	0.217	1164.54	158.560	158.216	0.344
1997	84777	11593.724	11560.810	32.914	0.039	0.284	1102.56	150.782	150.354	0.428
1998	82517	11337.035	11270.589	66.445	0.081	0.586	1058.04	145.364	144.512	0.852
1999	93939	13027.458	12887.809	139.648	0.149	1.072	1188.25	164.787	163.020	1.766
2000	90039	12607.547	12452.917	154.630	0.172	1.226	1124.63	157.474	155.542	1.931
2001	86119	12350.451	12133.039	217.412	0.252	1.760	1063.62	152.535	149.850	2.685
2002	83014	12112.097	11883.151	228.946	0.276	1.890	1014.99	148.092	145.292	2.799
2003	79302	11683.252	11401.770	281.482	0.355	2.409	960.214	141.465	138.056	3.408
2004	73861	11139.095	10761.499	377.597	0.511	3.390	885.053	133.476	128.952	4.525
2005	71649	10884.683	10449.477	435.206	0.607	3.998	848.672	128.927	123.773	5.155
2006	67551	10397.565	9852.529	545.036	0.807	5.242	792.791	122.028	115.631	6.397
2007	63503	9785.831	9164.920	620.911	0.978	6.345	737.521	113.652	106.441	7.211
2008	63171	9922.524	9265.732	656.792	1.040	6.619	725.389	113.940	106.398	7.542
2009	59747	9483.598	8774.731	708.867	1.186	7.475	678.085	107.632	99.587	8.045

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	227895.428	4587.122	0.278	1.973	1043.56	146.971	144.071	2.900

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Main Results for E-Component Summarized over Simulations for Run: 40

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 40 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3094.290	1.158	0.004	0.037	455.708	43.324	43.308	0.016
1993	32768	3114.516	3108.906	5.610	0.017	0.180	452.005	42.962	42.885	0.077
1994	33005	3168.398	3160.528	7.870	0.024	0.248	448.353	43.041	42.934	0.107
1995	33730	3200.274	3190.268	10.007	0.030	0.313	450.946	42.785	42.652	0.134
1996	33750	3234.738	3226.805	7.933	0.024	0.245	445.180	42.668	42.563	0.105
1997	33699	3240.665	3239.096	1.568	0.005	0.048	438.271	42.146	42.126	0.020
1998	33274	3171.578	3158.815	12.763	0.038	0.402	426.640	40.666	40.502	0.164
1999	33891	3153.786	3121.555	32.231	0.095	1.022	428.694	39.893	39.485	0.408
2000	33827	3237.043	3187.784	49.259	0.146	1.522	422.514	40.432	39.817	0.615
2001	32506	3110.972	3040.677	70.295	0.216	2.260	401.468	38.422	37.554	0.868
2002	32078	3123.298	3042.042	81.256	0.253	2.602	392.210	38.188	37.194	0.993
2003	30568	3025.984	2929.164	96.820	0.317	3.200	370.127	36.640	35.467	1.172
2004	29388	2983.453	2853.752	129.701	0.441	4.347	352.147	35.750	34.196	1.554
2005	27954	2926.679	2778.932	147.747	0.529	5.048	331.111	34.666	32.916	1.750
2006	27201	2889.308	2711.526	177.782	0.654	6.153	319.236	33.909	31.823	2.086
2007	26302	2810.025	2605.658	204.367	0.777	7.273	305.470	32.636	30.262	2.374
2008	25998	2773.025	2562.383	210.642	0.810	7.596	298.534	31.843	29.424	2.419
2009	25040	2723.293	2487.730	235.563	0.941	8.650	284.186	30.907	28.234	2.673

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59808.678	1483.065	0.238	2.420	394.195	38.747	37.810	0.938

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Main Results for E-Component Summarized over Simulations for Run: 40

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11979.564	1.689	0.006	0.014	375.483	167.689	167.665	0.024
1993	29774	13348.134	13345.282	2.852	0.010	0.021	410.705	184.125	184.086	0.039
1994	29804	13404.876	13407.505	-2.629	-0.009	-0.020	404.869	182.097	182.133	-0.036
1995	29755	13407.404	13410.771	-3.367	-0.011	-0.025	397.803	179.248	179.293	-0.045
1996	30900	14056.435	14099.439	-43.004	-0.139	-0.306	407.587	185.412	185.979	-0.567
1997	31128	14163.848	14209.220	-45.372	-0.146	-0.320	404.834	184.207	184.797	-0.590
1998	32096	14738.220	14780.918	-42.697	-0.133	-0.290	411.536	188.974	189.521	-0.547
1999	34616	15867.376	15911.922	-44.546	-0.129	-0.281	437.865	200.710	201.273	-0.563
2000	34299	15766.470	15797.946	-31.476	-0.092	-0.200	428.409	196.930	197.323	-0.393
2001	34592	16091.193	16118.847	-27.654	-0.080	-0.172	427.231	198.736	199.077	-0.342
2002	34291	16120.902	16162.629	-41.727	-0.122	-0.259	419.268	197.106	197.616	-0.510
2003	35074	16455.810	16435.246	20.565	0.059	0.125	424.687	199.252	199.003	0.249
2004	33512	15694.580	15612.343	82.237	0.245	0.524	401.564	188.063	187.078	0.985
2005	35392	16549.102	16402.470	146.632	0.414	0.886	419.213	196.022	194.285	1.737
2006	33981	15926.096	15637.032	289.064	0.851	1.815	398.807	186.912	183.519	3.393
2007	34000	15778.477	15424.160	354.318	1.042	2.246	394.875	183.251	179.136	4.115
2008	37425	17438.838	17020.637	418.201	1.117	2.398	429.749	200.249	195.447	4.802
2009	36826	17214.158	16720.605	493.553	1.340	2.867	417.948	195.368	189.767	5.601

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	295106.380	1530.853	0.237	0.516	408.132	187.528	186.561	0.968

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 41

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA21
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 41, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 41, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA21

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.040000	0.000400	0.000500	0.040000	0.000400	0.000500
15-19	1-24	0.040000	0.000400	0.001500	0.040000	0.000400	0.001500
20-24	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
25-29	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
30-34	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
35-39	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
40-44	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
45-49	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
50-54	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
55-59	1-24	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
60-64	1-24	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
65-69	1-24	0.040000	0.000400	0.003000	0.040000	0.000400	0.003000
70-74	1-24	0.040000	0.000400	0.003500	0.040000	0.000400	0.003500
75-79	1-24	0.040000	0.000400	0.004000	0.040000	0.000400	0.004000
10-14	25+	0.040000	0.000400	0.000500	0.040000	0.000400	0.000500
15-19	25+	0.040000	0.000400	0.001500	0.040000	0.000400	0.001500
20-24	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
25-29	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
30-34	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
35-39	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
40-44	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
45-49	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
50-54	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
55-59	25+	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
60-64	25+	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
65-69	25+	0.040000	0.000400	0.003000	0.040000	0.000400	0.003000
70-74	25+	0.040000	0.000400	0.003500	0.040000	0.000400	0.003500
75-79	25+	0.040000	0.000400	0.004000	0.040000	0.000400	0.004000

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 41, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 41, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2569.00	27.99	142.00	5.31			
5	All Ages	Current MRTP	70.00	0.76					
5	All Ages	Current Dual	35.00	0.38					
5	All Ages	Former	2602.00	28.35			15.47	152.00	5.84

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	48.00	14.16	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	5.00	1.47					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	248.00	27.10	1.00	0.38			
5	20-24	Current MRTP	7.00	0.77					
5	20-24	Current Dual	8.00	0.87					
5	20-24	Former	33.00	3.61			2.91	9.00	27.27
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	295.00	30.79	5.00	1.62			
5	25-29	Current MRTP	12.00	1.25					
5	25-29	Current Dual	2.00	0.21					
5	25-29	Former	114.00	11.90			4.94	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	367.00	34.17	9.00	2.39			
5	30-34	Current MRTP	7.00	0.65					
5	30-34	Current Dual	2.00	0.19					
5	30-34	Former	204.00	18.99			6.36	24.00	11.76
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	345.00	31.86	14.00	3.99			
5	35-39	Current MRTP	5.00	0.46					
5	35-39	Current Dual	1.00	0.09					
5	35-39	Former	254.00	23.45			7.76	20.00	7.87
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	291.00	29.91	12.00	4.10			
5	40-44	Current MRTP	2.00	0.21					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	274.00	28.16			12.14	12.00	4.38
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	242.00	28.17	11.00	4.35			
5	45-49	Current MRTP	8.00	0.93					
5	45-49	Current Dual	3.00	0.35					
5	45-49	Former	298.00	34.69			13.81	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	201.00	31.90	13.00	6.31			
5	50-54	Current MRTP	5.00	0.79					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	145.00	27.67	13.00	8.67			
5	55-59	Current MRTP	2.00	0.38					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	219.00	41.79			16.95	13.00	5.94
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	120.00	23.30	16.00	12.40			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	117.00	23.40	14.00	11.29			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	2.00	0.40					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	77.00	17.19	21.00	24.14			
5	70-74	Current MRTP	6.00	1.34					
5	70-74	Current Dual	4.00	0.89					
5	70-74	Former	255.00	56.92			22.36	9.00	3.53

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	73.00	20.33	13.00	17.33			
5	75-79	Current MRTP	0.00	0.00					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	216.00	60.17			23.60	11.00	5.09

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2529.00	26.98	246.00	9.08			
10	All Ages	Current MRTP	126.00	1.34					
10	All Ages	Current Dual	55.00	0.59					
10	All Ages	Former	2592.00	27.65			17.26	160.00	6.17

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	220.00	24.55	0.00	0.00			
10	20-24	Current MRTP	19.00	2.12					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	19.00	2.12			2.05	8.00	42.11

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	275.00	30.05	5.00	1.65			
10	25-29	Current MRTP	13.00	1.42					
10	25-29	Current Dual	15.00	1.64					
10	25-29	Former	59.00	6.45			5.02	15.00	25.42

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	286.00	29.85	11.00	3.48			
10	30-34	Current MRTP	18.00	1.88					
10	30-34	Current Dual	12.00	1.25					
10	30-34	Former	143.00	14.93			7.98	14.00	9.79

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	342.00	31.84	22.00	6.11			
10	35-39	Current MRTP	14.00	1.30					
10	35-39	Current Dual	4.00	0.37					
10	35-39	Former	226.00	21.04			10.01	13.00	5.75

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	303.00	27.98	24.00	7.64			
10	40-44	Current MRTP	9.00	0.83					
10	40-44	Current Dual	2.00	0.18					
10	40-44	Former	291.00	26.87			10.84	23.00	7.90

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	271.00	27.85	22.00	7.89			
10	45-49	Current MRTP	6.00	0.62					
10	45-49	Current Dual	2.00	0.21					
10	45-49	Former	288.00	29.60			15.78	14.00	4.86

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	227.00	26.43	28.00	11.62			
10	50-54	Current MRTP	11.00	1.28					
10	50-54	Current Dual	3.00	0.35					
10	50-54	Former	310.00	36.09			17.15	8.00	2.58
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	182.00	28.89	27.00	14.21			
10	55-59	Current MRTP	7.00	1.11					
10	55-59	Current Dual	1.00	0.16					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	131.00	25.00	18.00	13.43			
10	60-64	Current MRTP	2.00	0.38					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	235.00	44.85			19.56	13.00	5.53
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	111.00	21.55	25.00	20.83			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	0.00	0.00					
10	65-69	Former	254.00	49.32			21.72	14.00	5.51
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	111.00	22.20	34.00	27.64			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	1.00	0.20					
10	70-74	Former	257.00	51.40			24.54	16.00	6.23
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	70.00	15.63	30.00	37.50			
10	75-79	Current MRTP	7.00	1.56					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	262.00	58.48			24.88	14.00	5.34
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2346.00	26.28	308.00	12.11			
15	All Ages	Current MRTP	164.00	1.84					
15	All Ages	Current Dual	34.00	0.38					
15	All Ages	Former	2515.00	28.17			18.76	141.00	5.61
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	251.00	28.01	1.00	0.35			
15	25-29	Current MRTP	26.00	2.90					
15	25-29	Current Dual	7.00	0.78					
15	25-29	Former	47.00	5.25			3.94	12.00	25.53
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	279.00	30.49	11.00	3.64			
15	30-34	Current MRTP	18.00	1.97					
15	30-34	Current Dual	5.00	0.55					
15	30-34	Former	88.00	9.62			6.78	14.00	15.91
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	281.00	29.33	23.00	7.59			
15	35-39	Current MRTP	18.00	1.88					
15	35-39	Current Dual	4.00	0.42					
15	35-39	Former	165.00	17.22			10.79	14.00	8.48
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	306.00	28.49	29.00	8.87			
15	40-44	Current MRTP	19.00	1.77					
15	40-44	Current Dual	2.00	0.19					
15	40-44	Former	259.00	24.12			12.77	15.00	5.79
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	283.00	26.13	38.00	12.62			
15	45-49	Current MRTP	14.00	1.29					
15	45-49	Current Dual	4.00	0.37					
15	45-49	Former	304.00	28.07			14.68	11.00	3.62
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	235.00	24.15	26.00	10.44			
15	50-54	Current MRTP	11.00	1.13					
15	50-54	Current Dual	3.00	0.31					
15	50-54	Former	318.00	32.68			18.39	14.00	4.40
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	207.00	24.10	37.00	16.52			
15	55-59	Current MRTP	15.00	1.75					
15	55-59	Current Dual	2.00	0.23					
15	55-59	Former	327.00	38.07			20.14	20.00	6.12
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	175.00	27.78	37.00	19.89			
15	60-64	Current MRTP	10.00	1.59					
15	60-64	Current Dual	1.00	0.16					
15	60-64	Former	252.00	40.00			23.14	10.00	3.97
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	126.00	24.05	28.00	21.21			
15	65-69	Current MRTP	5.00	0.95					
15	65-69	Current Dual	1.00	0.19					
15	65-69	Former	237.00	45.23			22.62	10.00	4.22
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	100.00	19.42	35.00	29.41			
15	70-74	Current MRTP	15.00	2.91					
15	70-74	Current Dual	4.00	0.78					
15	70-74	Former	255.00	49.51			24.84	8.00	3.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	103.00	20.60	43.00	36.75			
15	75-79	Current MRTP	13.00	2.60					
15	75-79	Current Dual	1.00	0.20					
15	75-79	Former	263.00	52.60			26.19	13.00	4.94
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	2076.00	24.64	354.00	15.57			

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	169.00	2.01					
20	All Ages	Current Dual	29.00	0.34					
20	All Ages	Former	2433.00	28.87			19.82	146.00	6.00
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	241.00	26.90	6.00	2.22			
20	30-34	Current MRTP	27.00	3.01					
20	30-34	Current Dual	2.00	0.22					
20	30-34	Former	79.00	8.82			6.00	15.00	18.99
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	259.00	28.31	12.00	4.20			
20	35-39	Current MRTP	24.00	2.62					
20	35-39	Current Dual	3.00	0.33					
20	35-39	Former	114.00	12.46			8.89	13.00	11.40
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	264.00	27.56	27.00	9.51			
20	40-44	Current MRTP	16.00	1.67					
20	40-44	Current Dual	4.00	0.42					
20	40-44	Former	184.00	19.21			13.68	10.00	5.43
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	289.00	26.91	37.00	12.05			
20	45-49	Current MRTP	14.00	1.30					
20	45-49	Current Dual	4.00	0.37					
20	45-49	Former	279.00	25.98			15.74	17.00	6.09
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	253.00	23.36	46.00	16.79			
20	50-54	Current MRTP	20.00	1.85					
20	50-54	Current Dual	1.00	0.09					
20	50-54	Former	331.00	30.56			17.37	15.00	4.53
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	218.00	22.40	36.00	15.58			
20	55-59	Current MRTP	10.00	1.03					
20	55-59	Current Dual	3.00	0.31					
20	55-59	Former	336.00	34.53			21.17	15.00	4.46
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	195.00	22.70	50.00	23.36			
20	60-64	Current MRTP	17.00	1.98					

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	2.00	0.23					
20	60-64	Former	337.00	39.23			22.59	16.00	4.75

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	147.00	23.33	45.00	27.44			
20	65-69	Current MRTP	15.00	2.38					
20	65-69	Current Dual	2.00	0.32					
20	65-69	Former	274.00	43.49			24.00	19.00	6.93

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	115.00	21.95	42.00	32.81			
20	70-74	Current MRTP	12.00	2.29					
20	70-74	Current Dual	1.00	0.19					
20	70-74	Former	241.00	45.99			25.21	12.00	4.98

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	95.00	18.45	53.00	45.69			
20	75-79	Current MRTP	14.00	2.72					
20	75-79	Current Dual	7.00	1.36					
20	75-79	Former	258.00	50.10			26.00	14.00	5.43

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Main Results for E-Component Summarized over Simulations for Run: 41

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	122014.054	129.664	0.042	0.106	4692.62	1857.47	1855.50	1.972
1993	311713	123269.216	122982.391	286.825	0.092	0.233	4656.77	1841.55	1837.27	4.285
1994	305700	120480.723	120075.636	405.088	0.133	0.336	4482.57	1766.64	1760.70	5.940
1995	303225	118666.569	118095.865	570.703	0.188	0.481	4361.58	1706.89	1698.69	8.209
1996	299559	116607.195	115941.953	665.241	0.222	0.570	4242.85	1651.58	1642.16	9.422
1997	294226	114665.051	113969.167	695.884	0.237	0.607	4100.64	1598.09	1588.39	9.699
1998	289258	113038.380	112256.313	782.067	0.270	0.692	3966.28	1549.97	1539.25	10.724
1999	311002	117067.463	116004.943	1062.519	0.342	0.908	4198.14	1580.27	1565.92	14.343
2000	303786	114977.407	113817.294	1160.114	0.382	1.009	4041.13	1529.49	1514.06	15.432
2001	296294	113047.319	111859.852	1187.467	0.401	1.050	3890.54	1484.39	1468.79	15.592
2002	291898	111744.742	110495.529	1249.213	0.428	1.118	3789.34	1450.64	1434.42	16.217
2003	285865	110551.854	109212.887	1338.967	0.468	1.211	3671.31	1419.80	1402.60	17.196
2004	274177	107418.262	106149.252	1269.009	0.463	1.181	3481.92	1364.16	1348.05	16.116
2005	272379	107678.770	106393.798	1284.972	0.472	1.193	3417.44	1351.01	1334.89	16.122
2006	264118	104357.806	103148.501	1209.306	0.458	1.159	3281.83	1296.71	1281.68	15.026
2007	258419	102690.449	101513.555	1176.894	0.455	1.146	3176.05	1262.10	1247.64	14.464
2008	259461	103492.166	102109.813	1382.354	0.533	1.336	3150.91	1256.82	1240.03	16.787
2009	253907	101384.044	99893.247	1490.796	0.587	1.470	3045.20	1215.94	1198.06	17.880

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2255862.964	17380.71	0.299	0.765	3927.78	1535.76	1524.02	11.742

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Main Results for E-Component Summarized over Simulations for Run: 41

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62506.473	28.874	0.037	0.046	1185.97	950.993	950.554	0.439
1993	78542	62883.111	62825.319	57.792	0.074	0.092	1173.36	939.428	938.565	0.863
1994	77437	61805.804	61720.700	85.105	0.110	0.138	1135.48	906.276	905.028	1.248
1995	76904	61145.799	61022.716	123.083	0.160	0.201	1106.18	879.519	877.748	1.770
1996	76232	60385.323	60241.977	143.345	0.188	0.237	1079.72	855.277	853.247	2.030
1997	75473	59549.806	59414.838	134.968	0.179	0.227	1051.87	829.947	828.066	1.881
1998	75381	59292.315	59111.705	180.610	0.240	0.305	1033.62	813.010	810.534	2.476
1999	73159	57398.351	57166.636	231.715	0.317	0.404	987.557	774.807	771.679	3.128
2000	73784	57716.549	57431.120	285.428	0.387	0.495	981.515	767.777	763.980	3.797
2001	73294	57211.877	56901.242	310.635	0.424	0.543	962.399	751.230	747.151	4.079
2002	72442	56438.810	56104.101	334.709	0.462	0.593	940.422	732.673	728.328	4.345
2003	71942	55948.341	55610.554	337.787	0.470	0.604	923.937	718.533	714.195	4.338
2004	71301	55339.218	55012.887	326.331	0.458	0.590	905.490	702.783	698.639	4.144
2005	70964	54964.459	54649.624	314.836	0.444	0.573	890.360	689.620	685.669	3.950
2006	69658	53781.526	53498.194	283.333	0.407	0.527	865.543	668.268	664.748	3.521
2007	68565	52784.985	52522.624	262.360	0.383	0.497	842.687	648.745	645.520	3.224
2008	68226	52470.692	52142.888	327.804	0.480	0.625	828.542	637.208	633.227	3.981
2009	67509	51823.021	51474.735	348.286	0.516	0.672	809.661	621.533	617.356	4.177

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1155862.656	4125.873	0.280	0.356	997.213	783.665	780.878	2.787

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Main Results for E-Component Summarized over Simulations for Run: 41

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35787.574	76.277	0.046	0.213	2502.33	545.392	544.232	1.160
1993	164362	35459.800	35287.698	172.102	0.105	0.485	2455.45	529.744	527.173	2.571
1994	159866	34293.631	34062.050	231.581	0.145	0.675	2344.16	502.857	499.462	3.396
1995	158083	33531.695	33214.861	316.834	0.200	0.945	2273.86	482.318	477.761	4.557
1996	154875	32438.163	32072.846	365.317	0.236	1.126	2193.60	459.443	454.269	5.174
1997	149970	31179.663	30783.768	395.895	0.264	1.270	2090.14	434.552	429.034	5.518
1998	145407	29860.736	29459.637	401.099	0.276	1.343	1993.81	409.447	403.947	5.500
1999	165952	34413.904	33864.728	549.176	0.331	1.596	2240.15	464.545	457.132	7.413
2000	160260	33265.290	32711.588	553.702	0.346	1.665	2131.87	442.513	435.147	7.366
2001	154444	32074.102	31533.147	540.955	0.350	1.687	2027.95	421.154	414.051	7.103
2002	151887	31817.956	31267.679	550.277	0.362	1.729	1971.76	413.052	405.909	7.144
2003	146733	31025.931	30401.840	624.091	0.425	2.012	1884.46	398.460	390.445	8.015
2004	138381	29503.602	28899.372	604.230	0.437	2.048	1757.38	374.682	367.009	7.673
2005	135881	29077.894	28458.871	619.023	0.456	2.129	1704.85	364.830	357.063	7.767
2006	131922	28385.448	27767.431	618.017	0.468	2.177	1639.21	352.707	345.027	7.679
2007	126502	27327.625	26700.831	626.794	0.495	2.294	1554.75	335.866	328.162	7.704
2008	125859	27025.472	26339.779	685.693	0.545	2.537	1528.44	328.199	319.872	8.327
2009	122428	26361.626	25597.950	763.676	0.624	2.897	1468.33	316.165	307.006	9.159

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	629642.074	8714.599	0.291	1.365	2024.64	431.261	425.374	5.887

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Main Results for E-Component Summarized over Simulations for Run: 41

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 41 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4360.587	10.609	0.033	0.243	488.154	66.474	66.313	0.161
1993	32896	4414.136	4385.356	28.780	0.087	0.652	491.442	65.944	65.514	0.430
1994	33323	4474.895	4431.717	43.179	0.130	0.965	488.625	65.617	64.984	0.633
1995	33569	4476.290	4414.450	61.841	0.184	1.382	482.855	64.387	63.497	0.890
1996	33870	4489.078	4411.863	77.216	0.228	1.720	479.723	63.582	62.488	1.094
1997	33516	4444.866	4350.076	94.790	0.283	2.133	467.113	61.948	60.627	1.321
1998	32795	4313.427	4225.290	88.137	0.269	2.043	449.682	59.145	57.937	1.209
1999	33375	4232.739	4132.159	100.579	0.301	2.376	450.521	57.137	55.779	1.358
2000	33459	4307.577	4212.638	94.940	0.284	2.204	445.090	57.302	56.039	1.263
2001	32275	4136.308	4055.074	81.235	0.252	1.964	423.792	54.312	53.246	1.067
2002	31586	4079.175	4005.981	73.193	0.232	1.794	410.041	52.955	52.005	0.950
2003	30985	4096.221	3996.640	99.582	0.321	2.431	397.934	52.607	51.328	1.279
2004	29884	4034.217	3940.027	94.190	0.315	2.335	379.513	51.233	50.037	1.196
2005	28708	3944.303	3853.621	90.681	0.316	2.299	360.189	49.488	48.350	1.138
2006	28188	3970.169	3872.379	97.791	0.347	2.463	350.253	49.332	48.117	1.215
2007	28026	3957.558	3852.041	105.517	0.376	2.666	344.449	48.640	47.343	1.297
2008	27128	3812.302	3717.014	95.287	0.351	2.499	329.444	46.297	45.140	1.157
2009	27068	3827.467	3711.490	115.977	0.428	3.030	324.637	45.904	44.513	1.391

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	83002.669	1454.835	0.232	1.723	424.421	57.058	56.075	0.983

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Main Results for E-Component Summarized over Simulations for Run: 41

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19359.420	13.904	0.041	0.072	516.166	294.616	294.404	0.211
1993	35913	20512.169	20484.018	28.150	0.078	0.137	536.514	306.437	306.016	0.421
1994	35074	19906.392	19861.169	45.223	0.129	0.227	514.300	291.893	291.230	0.663
1995	34669	19512.784	19443.839	68.945	0.199	0.353	498.677	280.671	279.679	0.992
1996	34582	19294.631	19215.267	79.364	0.229	0.411	489.808	273.283	272.158	1.124
1997	35267	19490.717	19420.486	70.231	0.199	0.360	491.517	271.643	270.664	0.979
1998	35675	19571.902	19459.681	112.221	0.315	0.573	489.172	268.368	266.829	1.539
1999	38516	21022.469	20841.420	181.049	0.470	0.861	519.919	283.777	281.334	2.444
2000	36283	19687.992	19461.948	226.043	0.623	1.148	482.656	261.900	258.893	3.007
2001	36281	19625.032	19370.389	254.642	0.702	1.298	476.394	257.690	254.346	3.344
2002	35983	19408.801	19117.767	291.033	0.809	1.499	467.122	251.960	248.182	3.778
2003	36205	19481.360	19203.854	277.506	0.766	1.424	464.974	250.195	246.631	3.564
2004	34611	18541.224	18296.966	244.258	0.706	1.317	439.544	235.465	232.363	3.102
2005	36826	19692.114	19431.681	260.433	0.707	1.323	462.043	247.070	243.802	3.268
2006	34350	18220.663	18010.497	210.166	0.612	1.153	426.820	226.403	223.791	2.611
2007	35326	18620.282	18438.059	182.223	0.516	0.979	434.168	228.849	226.610	2.240
2008	38248	20183.701	19910.132	273.569	0.715	1.355	464.487	245.112	241.790	3.322
2009	36902	19371.930	19109.073	262.857	0.712	1.357	442.580	232.335	229.182	3.153

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	387355.565	3085.408	0.433	0.790	481.512	263.774	261.690	2.084

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 42

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA21
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 42, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 42, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA21

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.040000	0.000400	0.000500	0.040000	0.000400	0.000500
15-19	1-24	0.040000	0.000400	0.001500	0.040000	0.000400	0.001500
20-24	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
25-29	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
30-34	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
35-39	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
40-44	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
45-49	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
50-54	1-24	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
55-59	1-24	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
60-64	1-24	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
65-69	1-24	0.040000	0.000400	0.003000	0.040000	0.000400	0.003000
70-74	1-24	0.040000	0.000400	0.003500	0.040000	0.000400	0.003500
75-79	1-24	0.040000	0.000400	0.004000	0.040000	0.000400	0.004000
10-14	25+	0.040000	0.000400	0.000500	0.040000	0.000400	0.000500
15-19	25+	0.040000	0.000400	0.001500	0.040000	0.000400	0.001500
20-24	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
25-29	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
30-34	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
35-39	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
40-44	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
45-49	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
50-54	25+	0.040000	0.000400	0.002000	0.040000	0.000400	0.002000
55-59	25+	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
60-64	25+	0.040000	0.000400	0.002500	0.040000	0.000400	0.002500
65-69	25+	0.040000	0.000400	0.003000	0.040000	0.000400	0.003000
70-74	25+	0.040000	0.000400	0.003500	0.040000	0.000400	0.003500
75-79	25+	0.040000	0.000400	0.004000	0.040000	0.000400	0.004000

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 42, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 42, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2108.00	23.22	120.00	5.44			
5	All Ages	Current MRTP	63.00	0.69					
5	All Ages	Current Dual	35.00	0.39					
5	All Ages	Former	1988.00	21.89			14.77	108.00	5.43

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	36.00	12.08	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	5.00	1.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	239.00	28.32	3.00	1.17			
5	20-24	Current MRTP	11.00	1.30					
5	20-24	Current Dual	7.00	0.83					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	216.00	25.99	11.00	4.74			
5	25-29	Current MRTP	9.00	1.08					
5	25-29	Current Dual	7.00	0.84					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	287.00	28.73	13.00	4.39			
5	30-34	Current MRTP	6.00	0.60					
5	30-34	Current Dual	3.00	0.30					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	318.00	28.34	10.00	3.07			
5	35-39	Current MRTP	7.00	0.62					
5	35-39	Current Dual	1.00	0.09					
5	35-39	Former	235.00	20.94			8.60	14.00	5.96
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	218.00	22.47	9.00	4.05			
5	40-44	Current MRTP	4.00	0.41					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	251.00	25.88			11.61	13.00	5.18
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	8.00	4.37			
5	45-49	Current MRTP	5.00	0.62					
5	45-49	Current Dual	3.00	0.37					
5	45-49	Former	206.00	25.40			11.13	14.00	6.80
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	123.00	22.99	6.00	4.69			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	155.00	28.97			15.10	4.00	2.58
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	100.00	20.49	7.00	6.60			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	132.00	27.05			21.20	4.00	3.03
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	113.00	21.08	17.00	14.53			
5	65-69	Current MRTP	1.00	0.19					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	159.00	29.66			21.47	6.00	3.77
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	82.00	15.21	13.00	15.66			
5	70-74	Current MRTP	1.00	0.19					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	176.00	32.65			24.66	6.00	3.41

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	54.00	11.11	14.00	23.33			
5	75-79	Current MRTP	4.00	0.82					
5	75-79	Current Dual	2.00	0.41					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	2077.00	22.80	194.00	8.76			
10	All Ages	Current MRTP	103.00	1.13					
10	All Ages	Current Dual	34.00	0.37					
10	All Ages	Former	1997.00	21.92			16.31	107.00	5.36

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	178.00	21.89	0.00	0.00			
10	20-24	Current MRTP	11.00	1.35					
10	20-24	Current Dual	8.00	0.98					
10	20-24	Former	15.00	1.85			2.73	5.00	33.33

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	244.00	28.91	5.00	1.85			
10	25-29	Current MRTP	17.00	2.01					
10	25-29	Current Dual	10.00	1.18					
10	25-29	Former	50.00	5.92			5.22	9.00	18.00

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	219.00	26.35	16.00	6.90			
10	30-34	Current MRTP	9.00	1.08					
10	30-34	Current Dual	4.00	0.48					
10	30-34	Former	158.00	19.01			8.91	12.00	7.59

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	276.00	27.63	26.00	8.81			
10	35-39	Current MRTP	14.00	1.40					
10	35-39	Current Dual	5.00	0.50					
10	35-39	Former	194.00	19.42			11.28	9.00	4.64

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	287.00	25.58	20.00	6.87			
10	40-44	Current MRTP	3.00	0.27					
10	40-44	Current Dual	1.00	0.09					
10	40-44	Former	270.00	24.06			11.47	17.00	6.30

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	195.00	20.10	21.00	10.05			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	1.00	0.10					
10	45-49	Former	264.00	27.22			15.34	7.00	2.65

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	163.00	20.10	18.00	10.47			
10	50-54	Current MRTP	8.00	0.99					
10	50-54	Current Dual	1.00	0.12					
10	50-54	Former	217.00	26.76			14.57	9.00	4.15
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	136.00	21.90	16.00	11.19			
10	55-59	Current MRTP	6.00	0.97					
10	55-59	Current Dual	1.00	0.16					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	115.00	21.50	10.00	8.47			
10	60-64	Current MRTP	3.00	0.56					
10	60-64	Current Dual	0.00	0.00					
10	60-64	Former	165.00	30.84			18.26	7.00	4.24
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	91.00	18.65	10.00	10.42			
10	65-69	Current MRTP	3.00	0.61					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	142.00	29.10			23.36	6.00	4.23
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	97.00	18.10	22.00	21.15			
10	70-74	Current MRTP	6.00	1.12					
10	70-74	Current Dual	1.00	0.19					
10	70-74	Former	172.00	32.09			23.62	9.00	5.23
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	76.00	14.10	30.00	34.88			
10	75-79	Current MRTP	10.00	1.86					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	173.00	32.10			27.31	11.00	6.36
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1875.00	21.88	241.00	11.91			
15	All Ages	Current MRTP	127.00	1.48					
15	All Ages	Current Dual	22.00	0.26					
15	All Ages	Former	2023.00	23.61			17.42	125.00	6.18
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	207.00	25.46	3.00	1.28			
15	25-29	Current MRTP	21.00	2.58					
15	25-29	Current Dual	6.00	0.74					
15	25-29	Former	33.00	4.06			3.85	13.00	39.39
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	242.00	28.67	9.00	3.27			
15	30-34	Current MRTP	29.00	3.44					
15	30-34	Current Dual	4.00	0.47					
15	30-34	Former	79.00	9.36			6.72	16.00	20.25
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	202.00	24.31	26.00	12.32			
15	35-39	Current MRTP	9.00	1.08					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	186.00	22.38			11.63	12.00	6.45
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	257.00	25.73	35.00	12.68			
15	40-44	Current MRTP	16.00	1.60					
15	40-44	Current Dual	3.00	0.30					
15	40-44	Former	213.00	21.32			14.33	9.00	4.23
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	262.00	23.35	27.00	9.85			
15	45-49	Current MRTP	10.00	0.89					
15	45-49	Current Dual	2.00	0.18					
15	45-49	Former	287.00	25.58			14.99	14.00	4.88
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	175.00	18.04	30.00	16.04			
15	50-54	Current MRTP	11.00	1.13					
15	50-54	Current Dual	1.00	0.10					
15	50-54	Former	286.00	29.48			18.03	13.00	4.55
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	150.00	18.50	25.00	15.92			
15	55-59	Current MRTP	6.00	0.74					
15	55-59	Current Dual	1.00	0.12					
15	55-59	Former	232.00	28.61			17.58	11.00	4.74
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	118.00	19.00	18.00	14.40			
15	60-64	Current MRTP	7.00	1.13					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	195.00	31.40			20.49	7.00	3.59
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	100.00	18.69	19.00	17.76			
15	65-69	Current MRTP	6.00	1.12					
15	65-69	Current Dual	1.00	0.19					
15	65-69	Former	176.00	32.90			20.90	9.00	5.11
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	81.00	16.60	21.00	23.86			
15	70-74	Current MRTP	4.00	0.82					
15	70-74	Current Dual	3.00	0.61					
15	70-74	Former	150.00	30.74			24.05	8.00	5.33
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	81.00	15.11	28.00	31.11			
15	75-79	Current MRTP	8.00	1.49					
15	75-79	Current Dual	1.00	0.19					
15	75-79	Former	186.00	34.70			24.44	13.00	6.99
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1645.00	20.48	274.00	15.18			

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	135.00	1.68					
20	All Ages	Current Dual	25.00	0.31					
20	All Ages	Former	2003.00	24.93			19.05	110.00	5.49
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	207.00	25.46	5.00	2.12			
20	30-34	Current MRTP	23.00	2.83					
20	30-34	Current Dual	6.00	0.74					
20	30-34	Former	56.00	6.89			5.64	12.00	21.43
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	227.00	26.90	12.00	4.67			
20	35-39	Current MRTP	27.00	3.20					
20	35-39	Current Dual	3.00	0.36					
20	35-39	Former	109.00	12.91			8.56	17.00	15.60
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	174.00	20.94	28.00	14.81			
20	40-44	Current MRTP	14.00	1.68					
20	40-44	Current Dual	1.00	0.12					
20	40-44	Former	208.00	25.03			14.75	6.00	2.88
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	237.00	23.72	41.00	16.02			
20	45-49	Current MRTP	18.00	1.80					
20	45-49	Current Dual	1.00	0.10					
20	45-49	Former	233.00	23.32			17.08	7.00	3.00
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	242.00	21.57	38.00	14.84			
20	50-54	Current MRTP	10.00	0.89					
20	50-54	Current Dual	4.00	0.36					
20	50-54	Former	305.00	27.18			18.02	13.00	4.26
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	153.00	15.77	37.00	22.02			
20	55-59	Current MRTP	15.00	1.55					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	305.00	31.44			20.67	14.00	4.59
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	136.00	16.77	36.00	24.16			
20	60-64	Current MRTP	9.00	1.11					

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	4.00	0.49					
20	60-64	Former	240.00	29.59			20.59	12.00	5.00

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	110.00	17.71	23.00	20.00			
20	65-69	Current MRTP	5.00	0.81					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	205.00	33.01			23.24	9.00	4.39

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	88.00	16.45	25.00	25.51			
20	70-74	Current MRTP	6.00	1.12					
20	70-74	Current Dual	4.00	0.75					
20	70-74	Former	185.00	34.58			23.77	10.00	5.41

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	71.00	14.55	29.00	35.80			
20	75-79	Current MRTP	8.00	1.64					
20	75-79	Current Dual	2.00	0.41					
20	75-79	Former	157.00	32.17			25.22	10.00	6.37

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Main Results for E-Component Summarized over Simulations for Run: 42

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60219.281	6.861	0.003	0.011	2778.64	842.922	842.826	0.096
1993	202512	62332.320	62311.311	21.009	0.010	0.034	2793.47	859.818	859.528	0.290
1994	200658	62691.239	62674.912	16.327	0.008	0.026	2725.82	851.622	851.400	0.222
1995	201023	63132.954	63123.595	9.359	0.005	0.015	2687.54	844.043	843.918	0.125
1996	201180	64309.880	64409.541	-99.661	-0.050	-0.155	2653.67	848.280	849.595	-1.315
1997	198639	64547.894	64676.241	-128.347	-0.065	-0.199	2583.39	839.475	841.144	-1.669
1998	197573	65384.866	65467.345	-82.479	-0.042	-0.126	2533.29	838.367	839.424	-1.058
1999	211329	67554.762	67588.547	-33.786	-0.016	-0.050	2673.14	854.513	854.941	-0.427
2000	208496	68184.366	68173.749	10.617	0.005	0.016	2604.20	851.652	851.519	0.133
2001	203606	68286.060	68190.083	95.978	0.047	0.141	2514.65	843.372	842.187	1.185
2002	200828	68983.996	68904.314	79.682	0.040	0.116	2455.47	843.450	842.476	0.974
2003	196352	68717.830	68490.771	227.059	0.116	0.330	2377.49	832.057	829.308	2.749
2004	188160	67344.952	66852.482	492.469	0.262	0.731	2254.66	806.974	801.072	5.901
2005	186416	67846.650	67181.980	664.670	0.357	0.980	2208.07	803.634	795.761	7.873
2006	180088	66622.465	65529.175	1093.290	0.607	1.641	2113.55	781.893	769.062	12.831
2007	175644	65977.201	64641.495	1335.706	0.760	2.024	2039.92	766.256	750.744	15.513
2008	177570	67121.344	65690.077	1431.266	0.806	2.132	2039.03	770.751	754.316	16.435
2009	172806	66622.993	64948.463	1674.530	0.969	2.513	1961.22	756.123	737.118	19.005

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1295493.135	6823.229	0.175	0.524	2465.77	823.300	818.986	4.314

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Main Results for E-Component Summarized over Simulations for Run: 42

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32809.824	1.623	0.004	0.005	635.738	459.227	459.205	0.023
1993	46291	33467.735	33465.572	2.164	0.005	0.006	638.542	461.657	461.627	0.030
1994	47017	33989.389	33993.061	-3.672	-0.008	-0.011	638.697	461.725	461.775	-0.050
1995	47840	34566.580	34575.050	-8.470	-0.018	-0.025	639.587	462.131	462.244	-0.113
1996	48244	34997.958	35044.051	-46.094	-0.096	-0.132	636.363	461.641	462.249	-0.608
1997	49035	35549.658	35603.430	-53.773	-0.110	-0.151	637.723	462.340	463.039	-0.699
1998	49686	36138.033	36183.248	-45.215	-0.091	-0.125	637.076	463.363	463.943	-0.580
1999	48883	35506.142	35548.407	-42.265	-0.086	-0.119	618.331	449.124	449.659	-0.535
2000	50331	36573.306	36603.161	-29.855	-0.059	-0.082	628.656	456.816	457.189	-0.373
2001	50389	36733.445	36744.853	-11.408	-0.023	-0.031	622.333	453.679	453.820	-0.141
2002	51445	37627.700	37635.363	-7.663	-0.015	-0.020	629.005	460.065	460.158	-0.094
2003	51408	37552.784	37509.139	43.645	0.085	0.116	622.464	454.701	454.173	0.528
2004	51399	37527.823	37401.355	126.468	0.246	0.337	615.898	449.684	448.169	1.515
2005	51421	37486.186	37315.086	171.100	0.333	0.456	609.074	444.018	441.992	2.027
2006	51355	37409.496	37080.867	328.629	0.640	0.878	602.712	439.045	435.188	3.857
2007	51839	37602.867	37187.741	415.127	0.801	1.104	602.056	436.718	431.897	4.821
2008	50976	36986.957	36561.018	425.938	0.836	1.152	585.355	424.719	419.828	4.891
2009	51193	37201.944	36676.369	525.575	1.027	1.413	581.003	422.215	416.250	5.965

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	710108.717	1796.122	0.183	0.252	619.890	450.053	448.917	1.135

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Main Results for E-Component Summarized over Simulations for Run: 42

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12334.132	3.864	0.004	0.031	1311.71	172.682	172.628	0.054
1993	93679	12401.934	12385.629	16.306	0.017	0.131	1292.22	171.073	170.848	0.225
1994	90832	12128.576	12105.069	23.507	0.026	0.194	1233.90	164.759	164.440	0.319
1995	89698	11958.696	11934.852	23.844	0.027	0.199	1199.20	159.879	159.561	0.319
1996	88286	12020.749	12018.221	2.529	0.003	0.021	1164.54	158.560	158.526	0.033
1997	84777	11593.724	11593.755	-0.032	-0.000	-0.000	1102.56	150.782	150.782	-0.000
1998	82517	11337.035	11310.719	26.316	0.032	0.232	1058.04	145.364	145.026	0.337
1999	93939	13027.458	12951.913	75.545	0.080	0.580	1188.25	164.787	163.831	0.956
2000	90039	12607.547	12523.730	83.818	0.093	0.665	1124.63	157.474	156.427	1.047
2001	86119	12350.451	12214.585	135.865	0.158	1.100	1063.62	152.535	150.857	1.678
2002	83014	12112.097	11977.758	134.339	0.162	1.109	1014.99	148.092	146.449	1.643
2003	79302	11683.252	11511.362	171.890	0.217	1.471	960.214	141.465	139.383	2.081
2004	73861	11139.095	10874.798	264.297	0.358	2.373	885.053	133.476	130.309	3.167
2005	71649	10884.683	10564.523	320.160	0.447	2.941	848.672	128.927	125.135	3.792
2006	67551	10397.565	9976.168	421.397	0.624	4.053	792.791	122.028	117.082	4.946
2007	63503	9785.831	9291.675	494.156	0.778	5.050	737.521	113.652	107.913	5.739
2008	63171	9922.524	9395.790	526.734	0.834	5.308	725.389	113.940	107.891	6.048
2009	59747	9483.598	8907.481	576.116	0.964	6.075	678.085	107.632	101.093	6.539

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	229182.199	3300.350	0.200	1.420	1043.56	146.971	144.885	2.086

****

Main Results for E-Component Summarized over Simulations for Run: 42

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 42 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3095.176	0.272	0.001	0.009	455.708	43.324	43.320	0.004
1993	32768	3114.516	3111.114	3.402	0.010	0.109	452.005	42.962	42.915	0.047
1994	33005	3168.398	3163.116	5.283	0.016	0.167	448.353	43.041	42.969	0.072
1995	33730	3200.274	3194.096	6.178	0.018	0.193	450.946	42.785	42.703	0.083
1996	33750	3234.738	3235.058	-0.320	-0.001	-0.010	445.180	42.668	42.672	-0.004
1997	33699	3240.665	3251.608	-10.943	-0.032	-0.338	438.271	42.146	42.289	-0.142
1998	33274	3171.578	3174.523	-2.945	-0.009	-0.093	426.640	40.666	40.704	-0.038
1999	33891	3153.786	3142.179	11.607	0.034	0.368	428.694	39.893	39.746	0.147
2000	33827	3237.043	3211.881	25.162	0.074	0.777	422.514	40.432	40.118	0.314
2001	32506	3110.972	3066.686	44.285	0.136	1.424	401.468	38.422	37.875	0.547
2002	32078	3123.298	3072.460	50.838	0.158	1.628	392.210	38.188	37.566	0.622
2003	30568	3025.984	2964.133	61.851	0.202	2.044	370.127	36.640	35.891	0.749
2004	29388	2983.453	2891.094	92.359	0.314	3.096	352.147	35.750	34.643	1.107
2005	27954	2926.679	2816.937	109.742	0.393	3.750	331.111	34.666	33.366	1.300
2006	27201	2889.308	2749.415	139.893	0.514	4.842	319.236	33.909	32.268	1.642
2007	26302	2810.025	2645.389	164.636	0.626	5.859	305.470	32.636	30.723	1.912
2008	25998	2773.025	2601.311	171.714	0.660	6.192	298.534	31.843	29.871	1.972
2009	25040	2723.293	2530.060	193.233	0.772	7.096	284.186	30.907	28.714	2.193

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	60225.002	1066.741	0.171	1.740	394.195	38.747	38.073	0.674

****

Main Results for E-Component Summarized over Simulations for Run: 42

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11980.150	1.103	0.004	0.009	375.483	167.689	167.674	0.015
1993	29774	13348.134	13348.997	-0.863	-0.003	-0.006	410.705	184.125	184.137	-0.012
1994	29804	13404.876	13413.666	-8.790	-0.029	-0.066	404.869	182.097	182.216	-0.119
1995	29755	13407.404	13419.597	-12.192	-0.041	-0.091	397.803	179.248	179.411	-0.163
1996	30900	14056.435	14112.211	-55.776	-0.181	-0.397	407.587	185.412	186.147	-0.736
1997	31128	14163.848	14227.447	-63.599	-0.204	-0.449	404.834	184.207	185.034	-0.827
1998	32096	14738.220	14798.855	-60.635	-0.189	-0.411	411.536	188.974	189.751	-0.777
1999	34616	15867.376	15946.049	-78.672	-0.227	-0.496	437.865	200.710	201.705	-0.995
2000	34299	15766.470	15834.977	-68.507	-0.200	-0.435	428.409	196.930	197.786	-0.856
2001	34592	16091.193	16163.958	-72.765	-0.210	-0.452	427.231	198.736	199.634	-0.899
2002	34291	16120.902	16218.734	-97.832	-0.285	-0.607	419.268	197.106	198.302	-1.196
2003	35074	16455.810	16506.136	-50.326	-0.143	-0.306	424.687	199.252	199.862	-0.609
2004	33512	15694.580	15685.235	9.345	0.028	0.060	401.564	188.063	187.951	0.112
2005	35392	16549.102	16485.433	63.669	0.180	0.385	419.213	196.022	195.268	0.754
2006	33981	15926.096	15722.725	203.371	0.598	1.277	398.807	186.912	184.525	2.387
2007	34000	15778.477	15516.690	261.787	0.770	1.659	394.875	183.251	180.210	3.040
2008	37425	17438.838	17131.958	306.880	0.820	1.760	429.749	200.249	196.725	3.524
2009	36826	17214.158	16834.552	379.606	1.031	2.205	417.948	195.368	191.060	4.308

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	295977.217	660.016	0.102	0.222	408.132	187.528	187.111	0.417

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 43

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA22
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 43, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 43, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET4SA22

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.060000	0.000400	0.000500	0.060000	0.000400	0.000500
15-19	1-24	0.060000	0.000400	0.001500	0.060000	0.000400	0.001500
20-24	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
25-29	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
30-34	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
35-39	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
40-44	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
45-49	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
50-54	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
55-59	1-24	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
60-64	1-24	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
65-69	1-24	0.060000	0.000400	0.003000	0.060000	0.000400	0.003000
70-74	1-24	0.060000	0.000400	0.003500	0.060000	0.000400	0.003500
75-79	1-24	0.060000	0.000400	0.004000	0.060000	0.000400	0.004000
10-14	25+	0.060000	0.000400	0.000500	0.060000	0.000400	0.000500
15-19	25+	0.060000	0.000400	0.001500	0.060000	0.000400	0.001500
20-24	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
25-29	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
30-34	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
35-39	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
40-44	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
45-49	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
50-54	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
55-59	25+	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
60-64	25+	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
65-69	25+	0.060000	0.000400	0.003000	0.060000	0.000400	0.003000
70-74	25+	0.060000	0.000400	0.003500	0.060000	0.000400	0.003500
75-79	25+	0.060000	0.000400	0.004000	0.060000	0.000400	0.004000

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 43, Scenario: NULL

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		M (Males)
3. Year of start of process		1990
4. Number of simulations		1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 43, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2589.00	28.21	145.00	5.41			
5	All Ages	Current MRTP	62.00	0.68					
5	All Ages	Current Dual	30.00	0.33					
5	All Ages	Former	2595.00	28.28			15.51	147.00	5.66

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	48.00	14.16	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	5.00	1.47					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	250.00	27.32	1.00	0.38			
5	20-24	Current MRTP	6.00	0.66					
5	20-24	Current Dual	8.00	0.87					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	296.00	30.90	5.00	1.61			
5	25-29	Current MRTP	12.00	1.25					
5	25-29	Current Dual	2.00	0.21					
5	25-29	Former	113.00	11.80			4.97	20.00	17.70
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	368.00	34.26	9.00	2.39			
5	30-34	Current MRTP	7.00	0.65					
5	30-34	Current Dual	1.00	0.09					
5	30-34	Former	204.00	18.99			6.34	26.00	12.75
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	347.00	32.04	15.00	4.26			
5	35-39	Current MRTP	4.00	0.37					
5	35-39	Current Dual	1.00	0.09					
5	35-39	Former	253.00	23.36			7.78	20.00	7.91
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	292.00	30.01	12.00	4.08			
5	40-44	Current MRTP	2.00	0.21					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	273.00	28.06			12.18	10.00	3.66
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	246.00	28.64	11.00	4.35			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	0.00	0.00					
5	45-49	Former	298.00	34.69			13.81	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	201.00	31.90	13.00	6.31			
5	50-54	Current MRTP	5.00	0.79					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	146.00	27.86	13.00	8.67			
5	55-59	Current MRTP	1.00	0.19					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	219.00	41.79			16.95	13.00	5.94
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	121.00	23.50	16.00	12.40			
5	60-64	Current MRTP	5.00	0.97					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	118.00	23.60	14.00	11.29			
5	65-69	Current MRTP	4.00	0.80					
5	65-69	Current Dual	2.00	0.40					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	80.00	17.86	21.00	24.14			
5	70-74	Current MRTP	4.00	0.89					
5	70-74	Current Dual	3.00	0.67					
5	70-74	Former	255.00	56.92			22.36	8.00	3.14

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	76.00	21.17	15.00	19.23			
5	75-79	Current MRTP	0.00	0.00					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2577.00	27.49	253.00	9.32			
10	All Ages	Current MRTP	93.00	0.99					
10	All Ages	Current Dual	46.00	0.49					
10	All Ages	Former	2586.00	27.58			17.28	159.00	6.15

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	226.00	25.22	0.00	0.00			
10	20-24	Current MRTP	14.00	1.56					
10	20-24	Current Dual	8.00	0.89					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	280.00	30.60	5.00	1.65			
10	25-29	Current MRTP	9.00	0.98					
10	25-29	Current Dual	14.00	1.53					
10	25-29	Former	59.00	6.45			4.95	16.00	27.12

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	290.00	30.27	10.00	3.17			
10	30-34	Current MRTP	15.00	1.57					
10	30-34	Current Dual	10.00	1.04					
10	30-34	Former	144.00	15.03			7.92	14.00	9.72

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	345.00	32.12	21.00	5.85			
10	35-39	Current MRTP	10.00	0.93					
10	35-39	Current Dual	4.00	0.37					
10	35-39	Former	227.00	21.14			9.96	13.00	5.73

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	310.00	28.62	27.00	8.54			
10	40-44	Current MRTP	5.00	0.46					
10	40-44	Current Dual	1.00	0.09					
10	40-44	Former	289.00	26.69			10.89	22.00	7.61

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	274.00	28.16	23.00	8.19			
10	45-49	Current MRTP	6.00	0.62					
10	45-49	Current Dual	1.00	0.10					
10	45-49	Former	286.00	29.39			15.87	13.00	4.55

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	232.00	27.01	29.00	11.93			
10	50-54	Current MRTP	8.00	0.93					
10	50-54	Current Dual	3.00	0.35					
10	50-54	Former	308.00	35.86			17.24	7.00	2.27
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	183.00	29.05	27.00	14.21			
10	55-59	Current MRTP	7.00	1.11					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	134.00	25.57	20.00	14.71			
10	60-64	Current MRTP	1.00	0.19					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	233.00	44.47			19.71	12.00	5.15
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	112.00	21.75	25.00	21.01			
10	65-69	Current MRTP	7.00	1.36					
10	65-69	Current Dual	0.00	0.00					
10	65-69	Former	255.00	49.51			21.64	15.00	5.88
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	114.00	22.80	33.00	27.05			
10	70-74	Current MRTP	7.00	1.40					
10	70-74	Current Dual	1.00	0.20					
10	70-74	Former	258.00	51.60			24.45	17.00	6.59
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	77.00	17.19	33.00	39.29			
10	75-79	Current MRTP	4.00	0.89					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	258.00	57.59			25.23	13.00	5.04
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2408.00	26.97	309.00	12.14			
15	All Ages	Current MRTP	111.00	1.24					
15	All Ages	Current Dual	27.00	0.30					
15	All Ages	Former	2513.00	28.15			18.77	140.00	5.57
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	260.00	29.02	1.00	0.35			
15	25-29	Current MRTP	16.00	1.79					
15	25-29	Current Dual	7.00	0.78					
15	25-29	Former	48.00	5.36			4.17	11.00	22.92
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	293.00	32.02	11.00	3.61			
15	30-34	Current MRTP	10.00	1.09					
15	30-34	Current Dual	2.00	0.22					
15	30-34	Former	85.00	9.29			6.86	14.00	16.47
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	285.00	29.75	22.00	7.33			
15	35-39	Current MRTP	14.00	1.46					
15	35-39	Current Dual	1.00	0.10					
15	35-39	Former	168.00	17.54			10.66	14.00	8.33
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	312.00	29.05	27.00	8.33			
15	40-44	Current MRTP	11.00	1.02					
15	40-44	Current Dual	1.00	0.09					
15	40-44	Former	262.00	24.39			12.66	16.00	6.11
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	291.00	26.87	41.00	13.44			
15	45-49	Current MRTP	11.00	1.02					
15	45-49	Current Dual	3.00	0.28					
15	45-49	Former	300.00	27.70			14.80	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	242.00	24.87	27.00	10.76			
15	50-54	Current MRTP	7.00	0.72					
15	50-54	Current Dual	2.00	0.21					
15	50-54	Former	316.00	32.48			18.46	14.00	4.43
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	212.00	24.68	37.00	16.44			
15	55-59	Current MRTP	11.00	1.28					
15	55-59	Current Dual	2.00	0.23					
15	55-59	Former	326.00	37.95			20.19	20.00	6.13
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	175.00	27.78	35.00	19.02			
15	60-64	Current MRTP	7.00	1.11					
15	60-64	Current Dual	2.00	0.32					
15	60-64	Former	254.00	40.32			22.99	10.00	3.94
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	131.00	25.00	31.00	22.96			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	1.00	0.19					
15	65-69	Former	234.00	44.66			22.84	10.00	4.27
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	102.00	19.81	36.00	30.25			
15	70-74	Current MRTP	12.00	2.33					
15	70-74	Current Dual	5.00	0.97					
15	70-74	Former	255.00	49.51			24.85	8.00	3.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	105.00	21.00	41.00	35.65			
15	75-79	Current MRTP	9.00	1.80					
15	75-79	Current Dual	1.00	0.20					
15	75-79	Former	265.00	53.00			26.02	13.00	4.91
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	2140.00	25.39	357.00	15.68			

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	115.00	1.36					
20	All Ages	Current Dual	22.00	0.26					
20	All Ages	Former	2430.00	28.84			19.84	142.00	5.84
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	249.00	27.79	5.00	1.87			
20	30-34	Current MRTP	16.00	1.79					
20	30-34	Current Dual	2.00	0.22					
20	30-34	Former	82.00	9.15			6.11	15.00	18.29
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	274.00	29.95	13.00	4.48			
20	35-39	Current MRTP	14.00	1.53					
20	35-39	Current Dual	2.00	0.22					
20	35-39	Former	110.00	12.02			8.93	13.00	11.82
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	266.00	27.77	26.00	9.25			
20	40-44	Current MRTP	12.00	1.25					
20	40-44	Current Dual	3.00	0.31					
20	40-44	Former	187.00	19.52			13.60	10.00	5.35
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	291.00	27.09	36.00	11.88			
20	45-49	Current MRTP	9.00	0.84					
20	45-49	Current Dual	3.00	0.28					
20	45-49	Former	283.00	26.35			15.67	17.00	6.01
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	263.00	24.28	49.00	17.63			
20	50-54	Current MRTP	15.00	1.39					
20	50-54	Current Dual	0.00	0.00					
20	50-54	Former	327.00	30.19			17.45	14.00	4.28
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	224.00	23.02	36.00	15.52			
20	55-59	Current MRTP	5.00	0.51					
20	55-59	Current Dual	3.00	0.31					
20	55-59	Former	335.00	34.43			21.17	15.00	4.48
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	201.00	23.40	51.00	23.39			
20	60-64	Current MRTP	15.00	1.75					

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	2.00	0.23					
20	60-64	Former	333.00	38.77			22.83	12.00	3.60

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	149.00	23.65	42.00	26.09			
20	65-69	Current MRTP	11.00	1.75					
20	65-69	Current Dual	1.00	0.16					
20	65-69	Former	277.00	43.97			23.81	20.00	7.22

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	121.00	23.09	44.00	33.85			
20	70-74	Current MRTP	8.00	1.53					
20	70-74	Current Dual	1.00	0.19					
20	70-74	Former	239.00	45.61			25.29	13.00	5.44

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	102.00	19.81	55.00	47.01			
20	75-79	Current MRTP	10.00	1.94					
20	75-79	Current Dual	5.00	0.97					
20	75-79	Former	257.00	49.90			26.11	13.00	5.06

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Main Results for E-Component Summarized over Simulations for Run: 43

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	122024.617	119.102	0.039	0.098	4692.62	1857.47	1855.66	1.811
1993	311713	123269.216	123005.686	263.530	0.085	0.214	4656.77	1841.55	1837.62	3.937
1994	305700	120480.723	120121.643	359.080	0.117	0.298	4482.57	1766.64	1761.38	5.265
1995	303225	118666.569	118174.124	492.445	0.162	0.415	4361.58	1706.89	1699.81	7.083
1996	299559	116607.195	116051.881	555.313	0.185	0.476	4242.85	1651.58	1643.72	7.865
1997	294226	114665.051	114078.409	586.642	0.199	0.512	4100.64	1598.09	1589.91	8.176
1998	289258	113038.380	112388.696	649.684	0.225	0.575	3966.28	1549.97	1541.06	8.908
1999	311002	117067.463	116192.287	875.176	0.281	0.748	4198.14	1580.27	1568.45	11.814
2000	303786	114977.407	114063.074	914.333	0.301	0.795	4041.13	1529.49	1517.33	12.163
2001	296294	113047.319	112140.701	906.618	0.306	0.802	3890.54	1484.39	1472.48	11.904
2002	291898	111744.742	110794.060	950.682	0.326	0.851	3789.34	1450.64	1438.30	12.341
2003	285865	110551.854	109533.314	1018.540	0.356	0.921	3671.31	1419.80	1406.71	13.081
2004	274177	107418.262	106449.793	968.469	0.353	0.902	3481.92	1364.16	1351.86	12.299
2005	272379	107678.770	106717.657	961.113	0.353	0.893	3417.44	1351.01	1338.95	12.059
2006	264118	104357.806	103513.917	843.889	0.320	0.809	3281.83	1296.71	1286.22	10.486
2007	258419	102690.449	101902.256	788.193	0.305	0.768	3176.05	1262.10	1252.41	9.687
2008	259461	103492.166	102525.357	966.810	0.373	0.934	3150.91	1256.82	1245.08	11.741
2009	253907	101384.044	100373.116	1010.927	0.398	0.997	3045.20	1215.94	1203.81	12.124

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2259979.502	13264.18	0.228	0.583	3927.78	1535.76	1526.80	8.961

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Main Results for E-Component Summarized over Simulations for Run: 43

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62508.792	26.555	0.034	0.042	1185.97	950.993	950.589	0.404
1993	78542	62883.111	62829.900	53.211	0.068	0.085	1173.36	939.428	938.633	0.795
1994	77437	61805.804	61730.029	75.775	0.098	0.123	1135.48	906.276	905.165	1.111
1995	76904	61145.799	61039.332	106.468	0.138	0.174	1106.18	879.519	877.987	1.531
1996	76232	60385.323	60265.285	120.038	0.157	0.199	1079.72	855.277	853.577	1.700
1997	75473	59549.806	59436.910	112.896	0.150	0.190	1051.87	829.947	828.374	1.573
1998	75381	59292.315	59138.592	153.723	0.204	0.259	1033.62	813.010	810.902	2.108
1999	73159	57398.351	57202.749	195.603	0.267	0.341	987.557	774.807	772.167	2.640
2000	73784	57716.549	57482.827	233.722	0.317	0.405	981.515	767.777	764.668	3.109
2001	73294	57211.877	56959.724	252.153	0.344	0.441	962.399	751.230	747.919	3.311
2002	72442	56438.810	56169.180	269.630	0.372	0.478	940.422	732.673	729.173	3.500
2003	71942	55948.341	55683.297	265.044	0.368	0.474	923.937	718.533	715.130	3.404
2004	71301	55339.218	55076.690	262.528	0.368	0.474	905.490	702.783	699.449	3.334
2005	70964	54964.459	54715.630	248.830	0.351	0.453	890.360	689.620	686.498	3.122
2006	69658	53781.526	53570.322	211.204	0.303	0.393	865.543	668.268	665.644	2.624
2007	68565	52784.985	52597.803	187.182	0.273	0.355	842.687	648.745	646.444	2.301
2008	68226	52470.692	52227.845	242.847	0.356	0.463	828.542	637.208	634.259	2.949
2009	67509	51823.021	51577.404	245.617	0.364	0.474	809.661	621.533	618.588	2.946

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1156716.635	3271.894	0.222	0.282	997.213	783.665	781.455	2.210

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Main Results for E-Component Summarized over Simulations for Run: 43

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35792.632	71.219	0.043	0.199	2502.33	545.392	544.309	1.083
1993	164362	35459.800	35299.466	160.334	0.098	0.452	2455.45	529.744	527.348	2.395
1994	159866	34293.631	34084.894	208.737	0.131	0.609	2344.16	502.857	499.797	3.061
1995	158083	33531.695	33254.682	277.013	0.175	0.826	2273.86	482.318	478.334	3.985
1996	154875	32438.163	32130.520	307.643	0.199	0.948	2193.60	459.443	455.086	4.357
1997	149970	31179.663	30844.690	334.973	0.223	1.074	2090.14	434.552	429.883	4.669
1998	145407	29860.736	29532.268	328.468	0.226	1.100	1993.81	409.447	404.943	4.504
1999	165952	34413.904	33969.724	444.181	0.268	1.291	2240.15	464.545	458.550	5.996
2000	160260	33265.290	32845.307	419.983	0.262	1.263	2131.87	442.513	436.926	5.587
2001	154444	32074.102	31689.460	384.641	0.249	1.199	2027.95	421.154	416.104	5.051
2002	151887	31817.956	31430.963	386.993	0.255	1.216	1971.76	413.052	408.028	5.024
2003	146733	31025.931	30572.922	453.009	0.309	1.460	1884.46	398.460	392.642	5.818
2004	138381	29503.602	29073.112	430.490	0.311	1.459	1757.38	374.682	369.215	5.467
2005	135881	29077.894	28649.061	428.833	0.316	1.475	1704.85	364.830	359.450	5.380
2006	131922	28385.448	27988.671	396.776	0.301	1.398	1639.21	352.707	347.776	4.930
2007	126502	27327.625	26934.555	393.070	0.311	1.438	1554.75	335.866	331.035	4.831
2008	125859	27025.472	26578.587	446.885	0.355	1.654	1528.44	328.199	322.772	5.427
2009	122428	26361.626	25863.815	497.811	0.407	1.888	1468.33	316.165	310.195	5.970

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	631965.753	6390.920	0.213	1.001	2024.64	431.261	426.943	4.318

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Main Results for E-Component Summarized over Simulations for Run: 43

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 43 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4361.759	9.437	0.029	0.216	488.154	66.474	66.331	0.144
1993	32896	4414.136	4388.162	25.974	0.079	0.588	491.442	65.944	65.556	0.388
1994	33323	4474.895	4437.073	37.822	0.114	0.845	488.625	65.617	65.062	0.555
1995	33569	4476.290	4422.674	53.616	0.160	1.198	482.855	64.387	63.616	0.771
1996	33870	4489.078	4421.707	67.372	0.199	1.501	479.723	63.582	62.628	0.954
1997	33516	4444.866	4360.178	84.688	0.253	1.905	467.113	61.948	60.768	1.180
1998	32795	4313.427	4240.347	73.080	0.223	1.694	449.682	59.145	58.143	1.002
1999	33375	4232.739	4150.200	82.538	0.247	1.950	450.521	57.137	56.023	1.114
2000	33459	4307.577	4234.228	73.349	0.219	1.703	445.090	57.302	56.326	0.976
2001	32275	4136.308	4078.241	58.067	0.180	1.404	423.792	54.312	53.550	0.762
2002	31586	4079.175	4026.719	52.455	0.166	1.286	410.041	52.955	52.274	0.681
2003	30985	4096.221	4019.381	76.840	0.248	1.876	397.934	52.607	51.620	0.987
2004	29884	4034.217	3963.645	70.572	0.236	1.749	379.513	51.233	50.336	0.896
2005	28708	3944.303	3880.356	63.947	0.223	1.621	360.189	49.488	48.685	0.802
2006	28188	3970.169	3904.952	65.218	0.231	1.643	350.253	49.332	48.521	0.810
2007	28026	3957.558	3889.968	67.589	0.241	1.708	344.449	48.640	47.809	0.831
2008	27128	3812.302	3754.072	58.230	0.215	1.527	329.444	46.297	45.590	0.707
2009	27068	3827.467	3755.566	71.901	0.266	1.879	324.637	45.904	45.042	0.862

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	83363.495	1094.008	0.174	1.295	424.421	57.058	56.319	0.739

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Main Results for E-Component Summarized over Simulations for Run: 43

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19361.433	11.891	0.035	0.061	516.166	294.616	294.435	0.181
1993	35913	20512.169	20488.157	24.011	0.067	0.117	536.514	306.437	306.078	0.359
1994	35074	19906.392	19869.647	36.745	0.105	0.185	514.300	291.893	291.354	0.539
1995	34669	19512.784	19457.436	55.349	0.160	0.284	498.677	280.671	279.875	0.796
1996	34582	19294.631	19234.370	60.260	0.174	0.312	489.808	273.283	272.429	0.854
1997	35267	19490.717	19436.632	54.085	0.153	0.277	491.517	271.643	270.889	0.754
1998	35675	19571.902	19477.489	94.413	0.265	0.482	489.172	268.368	267.073	1.295
1999	38516	21022.469	20869.615	152.854	0.397	0.727	519.919	283.777	281.714	2.063
2000	36283	19687.992	19500.713	187.278	0.516	0.951	482.656	261.900	259.409	2.491
2001	36281	19625.032	19413.275	211.757	0.584	1.079	476.394	257.690	254.909	2.781
2002	35983	19408.801	19167.197	241.604	0.671	1.245	467.122	251.960	248.823	3.136
2003	36205	19481.360	19257.713	223.647	0.618	1.148	464.974	250.195	247.323	2.872
2004	34611	18541.224	18336.345	204.879	0.592	1.105	439.544	235.465	232.863	2.602
2005	36826	19692.114	19472.611	219.503	0.596	1.115	462.043	247.070	244.316	2.754
2006	34350	18220.663	18049.972	170.691	0.497	0.937	426.820	226.403	224.282	2.121
2007	35326	18620.282	18479.930	140.352	0.397	0.754	434.168	228.849	227.124	1.725
2008	38248	20183.701	19964.852	218.849	0.572	1.084	464.487	245.112	242.455	2.658
2009	36902	19371.930	19176.332	195.598	0.530	1.010	442.580	232.335	229.989	2.346

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	387933.618	2507.356	0.352	0.642	481.512	263.774	262.080	1.694

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

System Date and Time: 20160413_110453
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 44

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	1
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET4SA22
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_14_Vary_switching_between_products
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 44, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 44, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET4SA22

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-24	0.060000	0.000400	0.000500	0.060000	0.000400	0.000500
15-19	1-24	0.060000	0.000400	0.001500	0.060000	0.000400	0.001500
20-24	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
25-29	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
30-34	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
35-39	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
40-44	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
45-49	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
50-54	1-24	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
55-59	1-24	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
60-64	1-24	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
65-69	1-24	0.060000	0.000400	0.003000	0.060000	0.000400	0.003000
70-74	1-24	0.060000	0.000400	0.003500	0.060000	0.000400	0.003500
75-79	1-24	0.060000	0.000400	0.004000	0.060000	0.000400	0.004000
10-14	25+	0.060000	0.000400	0.000500	0.060000	0.000400	0.000500
15-19	25+	0.060000	0.000400	0.001500	0.060000	0.000400	0.001500
20-24	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
25-29	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
30-34	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
35-39	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
40-44	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
45-49	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
50-54	25+	0.060000	0.000400	0.002000	0.060000	0.000400	0.002000
55-59	25+	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
60-64	25+	0.060000	0.000400	0.002500	0.060000	0.000400	0.002500
65-69	25+	0.060000	0.000400	0.003000	0.060000	0.000400	0.003000
70-74	25+	0.060000	0.000400	0.003500	0.060000	0.000400	0.003500
75-79	25+	0.060000	0.000400	0.004000	0.060000	0.000400	0.004000

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 44, Scenario: NULL

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 44, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2115.00	23.29	120.00	5.43			
5	All Ages	Current MRTP	59.00	0.65					
5	All Ages	Current Dual	34.00	0.37					
5	All Ages	Former	1986.00	21.87			14.78	108.00	5.44

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	36.00	12.08	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	5.00	1.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	241.00	28.55	3.00	1.17			
5	20-24	Current MRTP	10.00	1.18					
5	20-24	Current Dual	6.00	0.71					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	216.00	25.99	11.00	4.74			
5	25-29	Current MRTP	9.00	1.08					
5	25-29	Current Dual	7.00	0.84					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	288.00	28.83	13.00	4.39			
5	30-34	Current MRTP	5.00	0.50					
5	30-34	Current Dual	3.00	0.30					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	319.00	28.43	10.00	3.07			
5	35-39	Current MRTP	6.00	0.53					
5	35-39	Current Dual	1.00	0.09					
5	35-39	Former	235.00	20.94			8.60	14.00	5.96
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	218.00	22.47	9.00	4.05			
5	40-44	Current MRTP	4.00	0.41					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	251.00	25.88			11.61	13.00	5.18
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	176.00	21.70	7.00	3.83			
5	45-49	Current MRTP	4.00	0.49					
5	45-49	Current Dual	3.00	0.37					
5	45-49	Former	206.00	25.40			11.12	15.00	7.28
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	7.00	5.43			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.54			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	112.00	20.90	16.00	13.79			
5	65-69	Current MRTP	1.00	0.19					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	83.00	15.40	14.00	16.67			
5	70-74	Current MRTP	1.00	0.19					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	175.00	32.47			24.79	5.00	2.86

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	54.00	11.11	14.00	23.33			
5	75-79	Current MRTP	4.00	0.82					
5	75-79	Current Dual	2.00	0.41					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	2111.00	23.17	190.00	8.58			
10	All Ages	Current MRTP	80.00	0.88					
10	All Ages	Current Dual	24.00	0.26					
10	All Ages	Former	1996.00	21.91			16.32	104.00	5.21

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	180.00	22.14	0.00	0.00			
10	20-24	Current MRTP	9.00	1.11					
10	20-24	Current Dual	7.00	0.86					
10	20-24	Former	16.00	1.97			2.94	4.00	25.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	253.00	29.98	5.00	1.84			
10	25-29	Current MRTP	12.00	1.42					
10	25-29	Current Dual	7.00	0.83					
10	25-29	Former	49.00	5.81			5.35	8.00	16.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	223.00	26.84	16.00	6.87			
10	30-34	Current MRTP	7.00	0.84					
10	30-34	Current Dual	3.00	0.36					
10	30-34	Former	157.00	18.89			8.95	12.00	7.64

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	281.00	28.13	26.00	8.81			
10	35-39	Current MRTP	11.00	1.10					
10	35-39	Current Dual	3.00	0.30					
10	35-39	Former	194.00	19.42			11.28	9.00	4.64

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	288.00	25.67	19.00	6.55			
10	40-44	Current MRTP	1.00	0.09					
10	40-44	Current Dual	1.00	0.09					
10	40-44	Former	271.00	24.15			11.43	18.00	6.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	196.00	20.21	21.00	10.05			
10	45-49	Current MRTP	12.00	1.24					
10	45-49	Current Dual	1.00	0.10					
10	45-49	Former	264.00	27.22			15.34	7.00	2.65

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	165.00	20.35	16.00	9.30			
10	50-54	Current MRTP	7.00	0.86					
10	50-54	Current Dual	0.00	0.00					
10	50-54	Former	217.00	26.76			14.55	9.00	4.15
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	137.00	22.06	15.00	10.56			
10	55-59	Current MRTP	4.00	0.64					
10	55-59	Current Dual	1.00	0.16					
10	55-59	Former	178.00	28.66			18.26	6.00	3.37
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	118.00	22.06	12.00	10.00			
10	60-64	Current MRTP	2.00	0.37					
10	60-64	Current Dual	0.00	0.00					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	94.00	19.26	11.00	11.22			
10	65-69	Current MRTP	3.00	0.61					
10	65-69	Current Dual	1.00	0.20					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	99.00	18.47	21.00	20.19			
10	70-74	Current MRTP	5.00	0.93					
10	70-74	Current Dual	0.00	0.00					
10	70-74	Former	172.00	32.09			23.66	8.00	4.65
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	77.00	14.29	28.00	33.33			
10	75-79	Current MRTP	7.00	1.30					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	175.00	32.47			27.02	12.00	6.86
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1920.00	22.40	245.00	12.05			
15	All Ages	Current MRTP	95.00	1.11					
15	All Ages	Current Dual	19.00	0.22					
15	All Ages	Former	2013.00	23.49			17.49	122.00	6.06
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	213.00	26.20	3.00	1.28			
15	25-29	Current MRTP	15.00	1.85					
15	25-29	Current Dual	6.00	0.74					
15	25-29	Former	33.00	4.06			4.06	13.00	39.39
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

15	30-34	Current CC	252.00	29.86	9.00	3.24			
15	30-34	Current MRTP	22.00	2.61					
15	30-34	Current Dual	4.00	0.47					
15	30-34	Former	76.00	9.00			6.92	14.00	18.42

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	208.00	25.03	25.00	11.79			
15	35-39	Current MRTP	4.00	0.48					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	185.00	22.26			11.65	13.00	7.03

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	264.00	26.43	37.00	13.31			
15	40-44	Current MRTP	12.00	1.20					
15	40-44	Current Dual	2.00	0.20					
15	40-44	Former	211.00	21.12			14.43	9.00	4.27

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	263.00	23.44	27.00	9.85			
15	45-49	Current MRTP	9.00	0.80					
15	45-49	Current Dual	2.00	0.18					
15	45-49	Former	287.00	25.58			15.00	13.00	4.53

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	178.00	18.35	30.00	16.04			
15	50-54	Current MRTP	8.00	0.82					
15	50-54	Current Dual	1.00	0.10					
15	50-54	Former	286.00	29.48			18.03	13.00	4.55

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	152.00	18.74	24.00	15.19			
15	55-59	Current MRTP	5.00	0.62					
15	55-59	Current Dual	1.00	0.12					
15	55-59	Former	231.00	28.48			17.64	10.00	4.33

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	118.00	19.00	18.00	14.52			
15	60-64	Current MRTP	6.00	0.97					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	196.00	31.56			20.43	6.00	3.06

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	107.00	20.00	25.00	22.12			
15	65-69	Current MRTP	5.00	0.93					
15	65-69	Current Dual	1.00	0.19					
15	65-69	Former	170.00	31.78			21.47	7.00	4.12

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	82.00	16.80	20.00	23.26			
15	70-74	Current MRTP	3.00	0.61					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	152.00	31.15			23.74	10.00	6.58

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	83.00	15.49	27.00	30.00			
15	75-79	Current MRTP	6.00	1.12					
15	75-79	Current Dual	1.00	0.19					
15	75-79	Former	186.00	34.70			24.48	14.00	7.53

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1693.00	21.07	275.00	15.18			

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

20	All Ages	Current MRTP	102.00	1.27					
20	All Ages	Current Dual	17.00	0.21					
20	All Ages	Former	1996.00	24.84			19.09	111.00	5.56

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	217.00	26.69	5.00	2.12			
20	30-34	Current MRTP	16.00	1.97					
20	30-34	Current Dual	3.00	0.37					
20	30-34	Former	56.00	6.89			5.77	12.00	21.43

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	238.00	28.20	11.00	4.23			
20	35-39	Current MRTP	19.00	2.25					
20	35-39	Current Dual	3.00	0.36					
20	35-39	Former	106.00	12.56			8.69	17.00	16.04

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	180.00	21.66	28.00	14.66			
20	40-44	Current MRTP	10.00	1.20					
20	40-44	Current Dual	1.00	0.12					
20	40-44	Former	206.00	24.79			14.83	6.00	2.91

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	244.00	24.42	43.00	16.67			
20	45-49	Current MRTP	13.00	1.30					
20	45-49	Current Dual	1.00	0.10					
20	45-49	Former	231.00	23.12			17.16	7.00	3.03

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	245.00	21.84	38.00	14.79			
20	50-54	Current MRTP	9.00	0.80					
20	50-54	Current Dual	3.00	0.27					
20	50-54	Former	304.00	27.09			18.09	12.00	3.95

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	157.00	16.19	37.00	22.02			
20	55-59	Current MRTP	11.00	1.13					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	305.00	31.44			20.68	13.00	4.26

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	139.00	17.14	33.00	22.30			
20	60-64	Current MRTP	7.00	0.86					

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

20	60-64	Current Dual	2.00	0.25					
20	60-64	Former	241.00	29.72			20.48	13.00	5.39

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	110.00	17.71	23.00	20.18			
20	65-69	Current MRTP	4.00	0.64					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	206.00	33.17			23.19	9.00	4.37

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	93.00	17.38	29.00	28.71			
20	70-74	Current MRTP	6.00	1.12					
20	70-74	Current Dual	2.00	0.37					
20	70-74	Former	182.00	34.02			23.90	11.00	6.04

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	70.00	14.34	28.00	35.44			
20	75-79	Current MRTP	7.00	1.43					
20	75-79	Current Dual	2.00	0.41					
20	75-79	Former	159.00	32.58			24.95	11.00	6.92

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Main Results for E-Component Summarized over Simulations for Run: 44

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60229.609	-3.467	-0.002	-0.006	2778.64	842.922	842.971	-0.049
1993	202512	62332.320	62329.567	2.753	0.001	0.004	2793.47	859.818	859.780	0.038
1994	200658	62691.239	62693.408	-2.170	-0.001	-0.003	2725.82	851.622	851.652	-0.029
1995	201023	63132.954	63148.001	-15.047	-0.007	-0.024	2687.54	844.043	844.244	-0.201
1996	201180	64309.880	64435.459	-125.579	-0.062	-0.195	2653.67	848.280	849.936	-1.656
1997	198639	64547.894	64713.787	-165.893	-0.084	-0.257	2583.39	839.475	841.633	-2.158
1998	197573	65384.866	65518.534	-133.668	-0.068	-0.204	2533.29	838.367	840.081	-1.714
1999	211329	67554.762	67667.754	-112.993	-0.053	-0.167	2673.14	854.513	855.943	-1.429
2000	208496	68184.366	68256.044	-71.678	-0.034	-0.105	2604.20	851.652	852.547	-0.895
2001	203606	68286.060	68311.462	-25.402	-0.012	-0.037	2514.65	843.372	843.686	-0.314
2002	200828	68983.996	69050.421	-66.425	-0.033	-0.096	2455.47	843.450	844.262	-0.812
2003	196352	68717.830	68650.863	66.967	0.034	0.097	2377.49	832.057	831.247	0.811
2004	188160	67344.952	67026.755	318.197	0.169	0.472	2254.66	806.974	803.161	3.813
2005	186416	67846.650	67362.836	483.814	0.260	0.713	2208.07	803.634	797.903	5.731
2006	180088	66622.465	65729.791	892.674	0.496	1.340	2113.55	781.893	771.417	10.477
2007	175644	65977.201	64886.385	1090.816	0.621	1.653	2039.92	766.256	753.588	12.669
2008	177570	67121.344	65951.401	1169.943	0.659	1.743	2039.03	770.751	757.317	13.434
2009	172806	66622.993	65207.443	1415.550	0.819	2.125	1961.22	756.123	740.057	16.065

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1297589.292	4727.072	0.121	0.363	2465.77	823.300	820.312	2.988

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Main Results for E-Component Summarized over Simulations for Run: 44

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32812.399	-0.952	-0.002	-0.003	635.738	459.227	459.241	-0.013
1993	46291	33467.735	33469.761	-2.025	-0.004	-0.006	638.542	461.657	461.685	-0.028
1994	47017	33989.389	33997.134	-7.745	-0.016	-0.023	638.697	461.725	461.830	-0.105
1995	47840	34566.580	34580.852	-14.272	-0.030	-0.041	639.587	462.131	462.322	-0.191
1996	48244	34997.958	35051.297	-53.339	-0.111	-0.152	636.363	461.641	462.344	-0.704
1997	49035	35549.658	35614.236	-64.578	-0.132	-0.182	637.723	462.340	463.179	-0.840
1998	49686	36138.033	36198.895	-60.862	-0.122	-0.168	637.076	463.363	464.143	-0.780
1999	48883	35506.142	35569.208	-63.066	-0.129	-0.178	618.331	449.124	449.922	-0.798
2000	50331	36573.306	36624.126	-50.820	-0.101	-0.139	628.656	456.816	457.451	-0.635
2001	50389	36733.445	36776.498	-43.053	-0.085	-0.117	622.333	453.679	454.211	-0.532
2002	51445	37627.700	37674.928	-47.228	-0.092	-0.126	629.005	460.065	460.642	-0.577
2003	51408	37552.784	37552.386	0.398	0.001	0.001	622.464	454.701	454.696	0.005
2004	51399	37527.823	37452.433	75.390	0.147	0.201	615.898	449.684	448.781	0.903
2005	51421	37486.186	37367.874	118.312	0.230	0.316	609.074	444.018	442.617	1.401
2006	51355	37409.496	37142.787	266.709	0.519	0.713	602.712	439.045	435.915	3.130
2007	51839	37602.867	37266.658	336.210	0.649	0.894	602.056	436.718	432.813	3.905
2008	50976	36986.957	36641.497	345.460	0.678	0.934	585.355	424.719	420.752	3.967
2009	51193	37201.944	36758.135	443.810	0.867	1.193	581.003	422.215	417.178	5.037

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	710722.223	1182.616	0.121	0.166	619.890	450.053	449.305	0.748

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Main Results for E-Component Summarized over Simulations for Run: 44

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12338.727	-0.732	-0.001	-0.006	1311.71	172.682	172.692	-0.010
1993	93679	12401.934	12393.972	7.963	0.008	0.064	1292.22	171.073	170.964	0.110
1994	90832	12128.576	12113.681	14.895	0.016	0.123	1233.90	164.759	164.557	0.202
1995	89698	11958.696	11945.683	13.013	0.015	0.109	1199.20	159.879	159.705	0.174
1996	88286	12020.749	12028.882	-8.133	-0.009	-0.068	1164.54	158.560	158.667	-0.107
1997	84777	11593.724	11609.350	-15.626	-0.018	-0.135	1102.56	150.782	150.985	-0.203
1998	82517	11337.035	11329.351	7.684	0.009	0.068	1058.04	145.364	145.265	0.099
1999	93939	13027.458	12984.560	42.898	0.046	0.329	1188.25	164.787	164.244	0.543
2000	90039	12607.547	12560.704	46.844	0.052	0.372	1124.63	157.474	156.889	0.585
2001	86119	12350.451	12265.557	84.894	0.099	0.687	1063.62	152.535	151.487	1.048
2002	83014	12112.097	12037.564	74.533	0.090	0.615	1014.99	148.092	147.180	0.911
2003	79302	11683.252	11576.312	106.940	0.135	0.915	960.214	141.465	140.170	1.295
2004	73861	11139.095	10941.409	197.686	0.268	1.775	885.053	133.476	131.107	2.369
2005	71649	10884.683	10635.623	249.060	0.348	2.288	848.672	128.927	125.977	2.950
2006	67551	10397.565	10050.829	346.736	0.513	3.335	792.791	122.028	117.958	4.069
2007	63503	9785.831	9375.924	409.907	0.645	4.189	737.521	113.652	108.892	4.761
2008	63171	9922.524	9485.724	436.800	0.691	4.402	725.389	113.940	108.924	5.016
2009	59747	9483.598	8996.441	487.157	0.815	5.137	678.085	107.632	102.103	5.529

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	229980.334	2502.215	0.152	1.076	1043.56	146.971	145.389	1.582

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Main Results for E-Component Summarized over Simulations for Run: 44

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 44 (APPENDIX_14_Vary_switching_between_products.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3096.858	-1.411	-0.004	-0.046	455.708	43.324	43.343	-0.020
1993	32768	3114.516	3114.054	0.462	0.001	0.015	452.005	42.962	42.956	0.006
1994	33005	3168.398	3166.321	2.078	0.006	0.066	448.353	43.041	43.013	0.028
1995	33730	3200.274	3198.343	1.931	0.006	0.060	450.946	42.785	42.760	0.026
1996	33750	3234.738	3237.568	-2.830	-0.008	-0.087	445.180	42.668	42.705	-0.037
1997	33699	3240.665	3255.477	-14.812	-0.044	-0.457	438.271	42.146	42.339	-0.193
1998	33274	3171.578	3179.488	-7.910	-0.024	-0.249	426.640	40.666	40.767	-0.101
1999	33891	3153.786	3151.090	2.696	0.008	0.085	428.694	39.893	39.859	0.034
2000	33827	3237.043	3223.049	13.994	0.041	0.432	422.514	40.432	40.257	0.175
2001	32506	3110.972	3081.481	29.490	0.091	0.948	401.468	38.422	38.058	0.364
2002	32078	3123.298	3089.632	33.666	0.105	1.078	392.210	38.188	37.776	0.412
2003	30568	3025.984	2984.143	41.841	0.137	1.383	370.127	36.640	36.133	0.507
2004	29388	2983.453	2910.909	72.545	0.247	2.432	352.147	35.750	34.881	0.869
2005	27954	2926.679	2836.335	90.344	0.323	3.087	331.111	34.666	33.596	1.070
2006	27201	2889.308	2771.336	117.972	0.434	4.083	319.236	33.909	32.525	1.385
2007	26302	2810.025	2669.893	140.132	0.533	4.987	305.470	32.636	31.008	1.627
2008	25998	2773.025	2627.679	145.346	0.559	5.241	298.534	31.843	30.174	1.669
2009	25040	2723.293	2557.847	165.446	0.661	6.075	284.186	30.907	29.030	1.878

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	60460.271	831.472	0.133	1.357	394.195	38.747	38.222	0.526

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Main Results for E-Component Summarized over Simulations for Run: 44

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11981.625	-0.372	-0.001	-0.003	375.483	167.689	167.694	-0.005
1993	29774	13348.134	13351.780	-3.646	-0.012	-0.027	410.705	184.125	184.176	-0.050
1994	29804	13404.876	13416.273	-11.397	-0.038	-0.085	404.869	182.097	182.252	-0.155
1995	29755	13407.404	13423.122	-15.718	-0.053	-0.117	397.803	179.248	179.458	-0.210
1996	30900	14056.435	14117.712	-61.277	-0.198	-0.436	407.587	185.412	186.220	-0.808
1997	31128	14163.848	14234.725	-70.877	-0.228	-0.500	404.834	184.207	185.129	-0.922
1998	32096	14738.220	14810.799	-72.579	-0.226	-0.492	411.536	188.974	189.905	-0.931
1999	34616	15867.376	15962.896	-95.520	-0.276	-0.602	437.865	200.710	201.918	-1.208
2000	34299	15766.470	15848.165	-81.696	-0.238	-0.518	428.409	196.930	197.950	-1.020
2001	34592	16091.193	16187.926	-96.733	-0.280	-0.601	427.231	198.736	199.930	-1.195
2002	34291	16120.902	16248.297	-127.395	-0.372	-0.790	419.268	197.106	198.664	-1.558
2003	35074	16455.810	16538.022	-82.211	-0.234	-0.500	424.687	199.252	200.248	-0.995
2004	33512	15694.580	15722.004	-27.424	-0.082	-0.175	401.564	188.063	188.392	-0.329
2005	35392	16549.102	16523.004	26.098	0.074	0.158	419.213	196.022	195.713	0.309
2006	33981	15926.096	15764.839	161.258	0.475	1.013	398.807	186.912	185.019	1.893
2007	34000	15778.477	15573.910	204.567	0.602	1.296	394.875	183.251	180.875	2.376
2008	37425	17438.838	17196.501	242.337	0.648	1.390	429.749	200.249	197.467	2.783
2009	36826	17214.158	16895.020	319.137	0.867	1.854	417.948	195.368	191.746	3.622

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	296426.464	210.769	0.033	0.071	408.132	187.528	187.395	0.133