Results for PHIM for Run 1 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN1
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_17_Vary_parameter_combinations
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

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

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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	RUN1

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000

Results for PHIM for Run 1 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	1966.00	21.42	127.00	4.79			
5	All Ages	Current MRTP	593.00	6.46					
5	All Ages	Current Dual	90.00	0.98					
5	All Ages	Former	2628.00	28.64			15.44	169.00	6.43

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	3.00	0.88					
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 1 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	211.00	23.06	1.00	0.38			
5	20-24	Current MRTP	37.00	4.04					
5	20-24	Current Dual	13.00	1.42					
5	20-24	Former	25.00	2.73			3.08	8.00	32.00
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	527.00	55.01					
5	25-29	Current CC	223.00	23.28	4.00	1.28			
5	25-29	Current MRTP	71.00	7.41					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	119.00	12.42			4.98	17.00	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	487.00	45.34					
5	30-34	Current CC	291.00	27.09	13.00	3.23			
5	30-34	Current MRTP	100.00	9.31					
5	30-34	Current Dual	11.00	1.02					
5	30-34	Former	185.00	17.23			6.78	19.00	10.27
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	474.00	43.77					
5	35-39	Current CC	264.00	24.38	12.00	3.44			
5	35-39	Current MRTP	74.00	6.83					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	260.00	24.01			7.68	17.00	6.54
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	402.00	41.32					
5	40-44	Current CC	211.00	21.69	12.00	4.33			
5	40-44	Current MRTP	62.00	6.37					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	294.00	30.22			11.39	24.00	8.16
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	180.00	20.95	13.00	5.14			
5	45-49	Current MRTP	66.00	7.68					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	298.00	34.69			13.78	16.00	5.37
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	192.00	30.48					
5	50-54	Current CC	150.00	23.81	14.00	7.07			
5	50-54	Current MRTP	43.00	6.83					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	240.00	38.10			17.00	14.00	5.83
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	110.00	20.99	9.00	5.88			
5	55-59	Current MRTP	40.00	7.63					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	216.00	41.22			17.35	10.00	4.63
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	85.00	16.50	13.00	11.71			
5	60-64	Current MRTP	23.00	4.47					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	263.00	51.07			17.79	18.00	6.84
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	12.00	9.60			
5	65-69	Current MRTP	28.00	5.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	255.00	51.00			22.24	7.00	2.75
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 1 (APPENDIX_17_Vary_parameter_combinations.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	15.00	17.44			
5	70-74	Current MRTP	25.00	5.58					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	256.00	57.14			22.88	9.00	3.52

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	54.00	15.04	9.00	11.84			
5	75-79	Current MRTP	19.00	5.29					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	215.00	59.89			24.00	8.00	3.72

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	4083.00	43.55					
10	All Ages	Current CC	1499.00	15.99	178.00	7.06			
10	All Ages	Current MRTP	923.00	9.85					
10	All Ages	Current Dual	101.00	1.08					
10	All Ages	Former	2769.00	29.54			16.47	221.00	7.98

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 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	679.00	75.78					
10	20-24	Current CC	150.00	16.74	0.00	0.00			
10	20-24	Current MRTP	40.00	4.46					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	16.00	1.79			2.25	8.00	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	182.00	19.89	1.00	0.34			
10	25-29	Current MRTP	85.00	9.29					
10	25-29	Current Dual	28.00	3.06					
10	25-29	Former	67.00	7.32			4.07	23.00	34.33

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	483.00	50.42					
10	30-34	Current CC	160.00	16.70	10.00	3.39			
10	30-34	Current MRTP	116.00	12.11					
10	30-34	Current Dual	19.00	1.98					
10	30-34	Former	180.00	18.79			6.93	30.00	16.67

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	474.00	44.13					
10	35-39	Current CC	213.00	19.83	16.00	4.51			
10	35-39	Current MRTP	128.00	11.92					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	245.00	22.81			9.03	28.00	11.43

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	470.00	43.40					
10	40-44	Current CC	186.00	17.17	21.00	6.73			
10	40-44	Current MRTP	120.00	11.08					
10	40-44	Current Dual	6.00	0.55					
10	40-44	Former	301.00	27.79			10.67	25.00	8.31

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	402.00	41.32					
10	45-49	Current CC	156.00	16.03	19.00	7.69			
10	45-49	Current MRTP	86.00	8.84					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	324.00	33.30			14.52	19.00	5.86

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 1 (APPENDIX_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	106.00	12.34	24.00	10.67			
10	50-54	Current MRTP	111.00	12.92					
10	50-54	Current Dual	8.00	0.93					
10	50-54	Former	326.00	37.95			16.37	16.00	4.91
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	107.00	16.98	18.00	10.29			
10	55-59	Current MRTP	68.00	10.79					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	263.00	41.75			19.46	16.00	6.08
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	74.00	14.12	12.00	9.38			
10	60-64	Current MRTP	51.00	9.73					
10	60-64	Current Dual	3.00	0.57					
10	60-64	Former	241.00	45.99			19.34	16.00	6.64
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	141.00	27.38					
10	65-69	Current CC	63.00	12.23	14.00	14.00			
10	65-69	Current MRTP	36.00	6.99					
10	65-69	Current Dual	1.00	0.19					
10	65-69	Former	274.00	53.20			20.60	11.00	4.01
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	27.00	23.08			
10	70-74	Current MRTP	48.00	9.60					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	263.00	52.60			24.22	19.00	7.22
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	16.00	21.92			
10	75-79	Current MRTP	34.00	7.59					
10	75-79	Current Dual	2.00	0.45					
10	75-79	Former	269.00	60.04			25.24	10.00	3.72
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	3856.00	43.19					
15	All Ages	Current CC	1076.00	12.05	255.00	11.15			
15	All Ages	Current MRTP	1089.00	12.20					
15	All Ages	Current Dual	121.00	1.36					
15	All Ages	Former	2785.00	31.20			17.56	192.00	6.89
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	608.00	67.86					
15	25-29	Current CC	134.00	14.96	0.00	0.00			
15	25-29	Current MRTP	86.00	9.60					
15	25-29	Current Dual	20.00	2.23					
15	25-29	Former	48.00	5.36			3.48	16.00	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	520.00	56.83					

Results for PHIM for Run 1 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	131.00	14.32	7.00	2.48			
15	30-34	Current MRTP	123.00	13.44					
15	30-34	Current Dual	28.00	3.06					
15	30-34	Former	113.00	12.35			5.63	27.00	23.89
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	468.00	48.85					
15	35-39	Current CC	120.00	12.53	19.00	6.81			
15	35-39	Current MRTP	138.00	14.41					
15	35-39	Current Dual	21.00	2.19					
15	35-39	Former	211.00	22.03			9.98	16.00	7.58
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	472.00	43.95					
15	40-44	Current CC	141.00	13.13	27.00	8.26			
15	40-44	Current MRTP	168.00	15.64					
15	40-44	Current Dual	18.00	1.68					
15	40-44	Former	275.00	25.61			12.17	13.00	4.73
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	470.00	43.40					
15	45-49	Current CC	136.00	12.56	29.00	10.36			
15	45-49	Current MRTP	136.00	12.56					
15	45-49	Current Dual	8.00	0.74					
15	45-49	Former	333.00	30.75			13.81	19.00	5.71
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	402.00	41.32					
15	50-54	Current CC	109.00	11.20	29.00	12.61			
15	50-54	Current MRTP	113.00	11.61					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	341.00	35.05			17.89	17.00	4.99
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	31.00	16.67			
15	55-59	Current MRTP	108.00	12.57					
15	55-59	Current Dual	4.00	0.47					
15	55-59	Former	365.00	42.49			18.56	23.00	6.30
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	30.00	19.35			
15	60-64	Current MRTP	75.00	11.90					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	283.00	44.92			21.54	18.00	6.36
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	19.00	17.27			
15	65-69	Current MRTP	51.00	9.73					
15	65-69	Current Dual	5.00	0.95					
15	65-69	Former	259.00	49.43			21.17	13.00	5.02
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	23.00	26.14			
15	70-74	Current MRTP	37.00	7.18					
15	70-74	Current Dual	5.00	0.97					
15	70-74	Former	286.00	55.53			23.22	10.00	3.50
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	120.00	24.00					
15	75-79	Current CC	51.00	10.20	41.00	37.61			
15	75-79	Current MRTP	54.00	10.80					
15	75-79	Current Dual	4.00	0.80					
15	75-79	Former	271.00	54.20			25.68	20.00	7.38
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	3676.00	43.62					
20	All Ages	Current CC	728.00	8.64	303.00	15.49			

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20	All Ages	Current MRTP	1112.00	13.20					
20	All Ages	Current Dual	116.00	1.38					
20	All Ages	Former	2795.00	33.17			18.43	206.00	7.37

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	575.00	64.17					
20	30-34	Current CC	99.00	11.05	5.00	2.14			
20	30-34	Current MRTP	114.00	12.72					
20	30-34	Current Dual	21.00	2.34					
20	30-34	Former	87.00	9.71			5.44	14.00	16.09

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	502.00	54.86					
20	35-39	Current CC	89.00	9.73	16.00	6.13			
20	35-39	Current MRTP	148.00	16.17					
20	35-39	Current Dual	24.00	2.62					
20	35-39	Former	152.00	16.61			7.87	18.00	11.84

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	459.00	47.91					
20	40-44	Current CC	83.00	8.66	23.00	9.39			
20	40-44	Current MRTP	145.00	15.14					
20	40-44	Current Dual	17.00	1.77					
20	40-44	Former	254.00	26.51			12.12	27.00	10.63

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	472.00	43.95					
20	45-49	Current CC	109.00	10.15	37.00	13.03			
20	45-49	Current MRTP	161.00	14.99					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	318.00	29.61			14.28	33.00	10.38

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	470.00	43.40					
20	50-54	Current CC	88.00	8.13	43.00	16.93			
20	50-54	Current MRTP	163.00	15.05					
20	50-54	Current Dual	3.00	0.28					
20	50-54	Former	359.00	33.15			16.62	21.00	5.85

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	402.00	41.32					
20	55-59	Current CC	79.00	8.12	35.00	18.23			
20	55-59	Current MRTP	107.00	11.00					
20	55-59	Current Dual	6.00	0.62					
20	55-59	Former	379.00	38.95			19.84	32.00	8.44

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	42.00	24.85			
20	60-64	Current MRTP	103.00	11.99					

Results for PHIM for Run 1 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	8.00	0.93					
20	60-64	Former	382.00	44.47			21.25	16.00	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 CC	54.00	8.57	41.00	28.67			
20	65-69	Current MRTP	80.00	12.70					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	295.00	46.83			23.37	15.00	5.08

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	38.00	7.25	33.00	34.02			
20	70-74	Current MRTP	52.00	9.92					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	272.00	51.91			23.38	14.00	5.15

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	31.00	6.02	28.00	36.36			
20	75-79	Current MRTP	39.00	7.57					
20	75-79	Current Dual	7.00	1.36					
20	75-79	Former	297.00	57.67			24.80	16.00	5.39

****

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	123916.417	216.166	0.069	0.174	4845.61	1920.39	1917.04	3.344
1992	308577	122143.718	121530.427	613.291	0.199	0.502	4692.62	1857.47	1848.15	9.326
1993	311713	123269.216	122038.407	1230.809	0.395	0.998	4656.77	1841.55	1823.17	18.387
1994	305700	120480.723	118568.407	1912.317	0.626	1.587	4482.57	1766.64	1738.60	28.041
1995	303225	118666.569	115891.387	2775.182	0.915	2.339	4361.58	1706.89	1666.98	39.918
1996	299559	116607.195	113008.589	3598.606	1.201	3.086	4242.85	1651.58	1600.61	50.969
1997	294226	114665.051	110230.492	4434.559	1.507	3.867	4100.64	1598.09	1536.29	61.805
1998	289258	113038.380	107600.164	5438.216	1.880	4.811	3966.28	1549.97	1475.40	74.568
1999	311002	117067.463	109782.537	7284.926	2.342	6.223	4198.14	1580.27	1481.93	98.338
2000	303786	114977.407	106647.707	8329.701	2.742	7.245	4041.13	1529.49	1418.69	110.806
2001	296294	113047.319	103735.498	9311.821	3.143	8.237	3890.54	1484.39	1362.12	122.270
2002	291898	111744.742	101244.662	10500.08	3.597	9.396	3789.34	1450.64	1314.33	136.309
2003	285865	110551.854	98775.257	11776.60	4.120	10.653	3671.31	1419.80	1268.55	151.244
2004	274177	107418.262	94839.848	12578.41	4.588	11.710	3481.92	1364.16	1204.42	159.740
2005	272379	107678.770	93951.467	13727.30	5.040	12.748	3417.44	1351.01	1178.78	172.232
2006	264118	104357.806	89768.252	14589.55	5.524	13.980	3281.83	1296.71	1115.43	181.284
2007	258419	102690.449	87264.588	15425.86	5.969	15.022	3176.05	1262.10	1072.51	189.589
2008	259461	103492.166	86620.492	16871.67	6.503	16.302	3150.91	1256.82	1051.93	204.891
2009	253907	101384.044	83542.951	17841.09	7.027	17.598	3045.20	1215.94	1001.96	213.975

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	2114787.510	158456.2	2.725	6.970	3927.78	1535.76	1428.71	107.050

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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_17_Vary_parameter_combinations.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	63034.476	34.310	0.044	0.054	1213.84	975.702	975.171	0.531
1992	77987	62535.347	62437.046	98.301	0.126	0.157	1185.97	950.993	949.498	1.495
1993	78542	62883.111	62688.338	194.773	0.248	0.310	1173.36	939.428	936.518	2.910
1994	77437	61805.804	61493.848	311.956	0.403	0.505	1135.48	906.276	901.702	4.574
1995	76904	61145.799	60686.224	459.575	0.598	0.752	1106.18	879.519	872.908	6.611
1996	76232	60385.323	59775.347	609.975	0.800	1.010	1079.72	855.277	846.638	8.639
1997	75473	59549.806	58791.630	758.175	1.005	1.273	1051.87	829.947	819.380	10.567
1998	75381	59292.315	58284.408	1007.907	1.337	1.700	1033.62	813.010	799.190	13.820
1999	73159	57398.351	56174.311	1224.040	1.673	2.133	987.557	774.807	758.284	16.523
2000	73784	57716.549	56211.381	1505.168	2.040	2.608	981.515	767.777	747.754	20.023
2001	73294	57211.877	55467.025	1744.852	2.381	3.050	962.399	751.230	728.319	22.911
2002	72442	56438.810	54429.128	2009.682	2.774	3.561	940.422	732.673	706.584	26.089
2003	71942	55948.341	53617.902	2330.439	3.239	4.165	923.937	718.533	688.604	29.929
2004	71301	55339.218	52704.466	2634.752	3.695	4.761	905.490	702.783	669.323	33.460
2005	70964	54964.459	52057.349	2907.111	4.097	5.289	890.360	689.620	653.145	36.474
2006	69658	53781.526	50618.105	3163.421	4.541	5.882	865.543	668.268	628.961	39.307
2007	68565	52784.985	49346.395	3438.590	5.015	6.514	842.687	648.745	606.484	42.261
2008	68226	52470.692	48607.468	3863.224	5.662	7.363	828.542	637.208	590.293	46.915
2009	67509	51823.021	47589.576	4233.445	6.271	8.169	809.661	621.533	570.760	50.773

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	1127458.830	32529.70	2.204	2.804	997.213	783.665	761.689	21.976

****

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 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	36924.202	143.182	0.085	0.386	2599.72	573.449	571.234	2.215
1992	164548	35863.851	35459.120	404.731	0.246	1.129	2502.33	545.392	539.237	6.155
1993	164362	35459.800	34648.473	811.327	0.494	2.288	2455.45	529.744	517.623	12.121
1994	159866	34293.631	33057.647	1235.985	0.773	3.604	2344.16	502.857	484.734	18.124
1995	158083	33531.695	31751.357	1780.338	1.126	5.309	2273.86	482.318	456.710	25.608
1996	154875	32438.163	30149.666	2288.497	1.478	7.055	2193.60	459.443	427.030	32.413
1997	149970	31179.663	28380.427	2799.236	1.867	8.978	2090.14	434.552	395.539	39.013
1998	145407	29860.736	26540.157	3320.580	2.284	11.120	1993.81	409.447	363.916	45.531
1999	165952	34413.904	29757.792	4656.113	2.806	13.530	2240.15	464.545	401.694	62.852
2000	160260	33265.290	28053.726	5211.564	3.252	15.667	2131.87	442.513	373.186	69.327
2001	154444	32074.102	26315.392	5758.710	3.729	17.954	2027.95	421.154	345.539	75.616
2002	151887	31817.956	25371.431	6446.526	4.244	20.261	1971.76	413.052	329.365	83.687
2003	146733	31025.931	23915.107	7110.825	4.846	22.919	1884.46	398.460	307.137	91.323
2004	138381	29503.602	22056.671	7446.931	5.381	25.241	1757.38	374.682	280.110	94.573
2005	135881	29077.894	21045.929	8031.965	5.911	27.622	1704.85	364.830	264.056	100.774
2006	131922	28385.448	19862.662	8522.786	6.460	30.025	1639.21	352.707	246.806	105.901
2007	126502	27327.625	18516.840	8810.785	6.965	32.241	1554.75	335.866	227.578	108.287
2008	125859	27025.472	17640.246	9385.226	7.457	34.727	1528.44	328.199	214.224	113.975
2009	122428	26361.626	16598.135	9763.491	7.975	37.037	1468.33	316.165	199.068	117.097

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	544427.876	93928.80	3.134	14.714	2024.64	431.261	367.805	63.456

****

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_17_Vary_parameter_combinations.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	4467.376	20.607	0.063	0.459	504.630	69.431	69.112	0.319
1992	32100	4371.196	4314.062	57.134	0.178	1.307	488.154	66.474	65.605	0.869
1993	32896	4414.136	4293.388	120.749	0.367	2.735	491.442	65.944	64.140	1.804
1994	33323	4474.895	4280.262	194.633	0.584	4.349	488.625	65.617	62.763	2.854
1995	33569	4476.290	4190.140	286.150	0.852	6.393	482.855	64.387	60.271	4.116
1996	33870	4489.078	4116.848	372.231	1.099	8.292	479.723	63.582	58.310	5.272
1997	33516	4444.866	3978.407	466.459	1.392	10.494	467.113	61.948	55.447	6.501
1998	32795	4313.427	3772.273	541.154	1.650	12.546	449.682	59.145	51.725	7.420
1999	33375	4232.739	3594.048	638.691	1.914	15.089	450.521	57.137	48.515	8.622
2000	33459	4307.577	3578.140	729.438	2.180	16.934	445.090	57.302	47.598	9.703
2001	32275	4136.308	3349.652	786.657	2.437	19.018	423.792	54.312	43.983	10.329
2002	31586	4079.175	3210.023	869.151	2.752	21.307	410.041	52.955	41.672	11.283
2003	30985	4096.221	3106.580	989.641	3.194	24.160	397.934	52.607	39.897	12.710
2004	29884	4034.217	2977.130	1057.087	3.537	26.203	379.513	51.233	37.808	13.425
2005	28708	3944.303	2815.846	1128.457	3.931	28.610	360.189	49.488	35.329	14.158
2006	28188	3970.169	2740.331	1229.838	4.363	30.977	350.253	49.332	34.050	15.281
2007	28026	3957.558	2649.681	1307.877	4.667	33.048	344.449	48.640	32.565	16.074
2008	27128	3812.302	2470.739	1341.563	4.945	35.190	329.444	46.297	30.005	16.292
2009	27068	3827.467	2386.368	1441.099	5.324	37.652	324.637	45.904	28.621	17.284

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	70878.889	13578.61	2.161	16.077	424.421	57.058	47.884	9.173

****

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	19490.364	18.067	0.053	0.093	527.418	301.804	301.525	0.280
1992	33942	19373.324	19320.199	53.125	0.157	0.274	516.166	294.616	293.808	0.808
1993	35913	20512.169	20408.209	103.960	0.289	0.507	536.514	306.437	304.884	1.553
1994	35074	19906.392	19736.650	169.743	0.484	0.853	514.300	291.893	289.404	2.489
1995	34669	19512.784	19263.666	249.119	0.719	1.277	498.677	280.671	277.088	3.583
1996	34582	19294.631	18966.728	327.903	0.948	1.699	489.808	273.283	268.638	4.644
1997	35267	19490.717	19080.028	410.689	1.165	2.107	491.517	271.643	265.919	5.724
1998	35675	19571.902	19003.327	568.575	1.594	2.905	489.172	268.368	260.572	7.796
1999	38516	21022.469	20256.386	766.082	1.989	3.644	519.919	283.777	273.436	10.341
2000	36283	19687.992	18804.461	883.531	2.435	4.488	482.656	261.900	250.147	11.753
2001	36281	19625.032	18603.430	1021.601	2.816	5.206	476.394	257.690	244.275	13.414
2002	35983	19408.801	18234.080	1174.721	3.265	6.053	467.122	251.960	236.710	15.250
2003	36205	19481.360	18135.668	1345.692	3.717	6.908	464.974	250.195	232.913	17.282
2004	34611	18541.224	17101.581	1439.644	4.159	7.765	439.544	235.465	217.182	18.283
2005	36826	19692.114	18032.344	1659.770	4.507	8.429	462.043	247.070	226.245	20.825
2006	34350	18220.663	16547.154	1673.509	4.872	9.185	426.820	226.403	205.609	20.794
2007	35326	18620.282	16751.672	1868.610	5.290	10.035	434.168	228.849	205.884	22.966
2008	38248	20183.701	17902.039	2281.662	5.965	11.304	464.487	245.112	217.404	27.709
2009	36902	19371.930	16968.873	2403.057	6.512	12.405	442.580	232.335	203.514	28.821

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	372021.915	18419.06	2.584	4.718	481.512	263.774	251.331	12.444

Results for PHIM for Run 2 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN1
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN1

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000

Results for PHIM for Run 2 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1629.00	17.94	107.00	4.86			
5	All Ages	Current MRTP	507.00	5.58					
5	All Ages	Current Dual	64.00	0.70					
5	All Ages	Former	1998.00	22.00			14.74	126.00	6.31

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
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 2 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	205.00	24.29	3.00	1.20			
5	20-24	Current MRTP	37.00	4.38					
5	20-24	Current Dual	9.00	1.07					
5	20-24	Former	18.00	2.13			3.33	7.00	38.89
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	457.00	54.99					
5	25-29	Current CC	168.00	20.22	9.00	3.70			
5	25-29	Current MRTP	60.00	7.22					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	131.00	15.76			5.49	14.00	10.69
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	516.00	51.65					
5	30-34	Current CC	223.00	22.32	14.00	4.70			
5	30-34	Current MRTP	67.00	6.71					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	185.00	18.52			7.64	15.00	8.11
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	550.00	49.02					
5	35-39	Current CC	231.00	20.59	6.00	1.85			
5	35-39	Current MRTP	85.00	7.58					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	248.00	22.10			8.23	17.00	6.85
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	489.00	50.41					
5	40-44	Current CC	157.00	16.19	8.00	3.54			
5	40-44	Current MRTP	62.00	6.39					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	255.00	26.29			11.49	13.00	5.10
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	11.00	5.67			
5	45-49	Current MRTP	49.00	6.04					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	195.00	24.04			11.69	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 CC	122.00	19.65	9.00	5.70			
5	50-54	Current MRTP	34.00	5.48					
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	72.00	14.75	7.00	7.14			
5	60-64	Current MRTP	24.00	4.92					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	140.00	28.69			20.07	8.00	5.71
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	82.00	15.30	10.00	9.80			
5	65-69	Current MRTP	19.00	3.54					
5	65-69	Current Dual	1.00	0.19					
5	65-69	Former	174.00	32.46			20.17	12.00	6.90
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	63.00	11.69	10.00	12.20			
5	70-74	Current MRTP	17.00	3.15					
5	70-74	Current Dual	2.00	0.37					
5	70-74	Former	177.00	32.84			24.53	7.00	3.95

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	11.00	19.64			
5	75-79	Current MRTP	15.00	3.09					
5	75-79	Current Dual	2.00	0.41					
5	75-79	Former	163.00	33.54			27.53	5.00	3.07

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	4869.00	53.45					
10	All Ages	Current CC	1219.00	13.38	169.00	7.89			
10	All Ages	Current MRTP	808.00	8.87					
10	All Ages	Current Dual	116.00	1.27					
10	All Ages	Former	2097.00	23.02			15.66	170.00	8.11

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	632.00	77.74					
10	20-24	Current CC	120.00	14.76	1.00	0.63			
10	20-24	Current MRTP	29.00	3.57					
10	20-24	Current Dual	11.00	1.35					
10	20-24	Former	21.00	2.58			2.38	11.00	52.38

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	527.00	62.44					
10	25-29	Current CC	165.00	19.55	4.00	1.48			
10	25-29	Current MRTP	85.00	10.07					
10	25-29	Current Dual	21.00	2.49					
10	25-29	Former	46.00	5.45			4.37	15.00	32.61

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	423.00	50.90					
10	30-34	Current CC	128.00	15.40	15.00	6.25			
10	30-34	Current MRTP	87.00	10.47					
10	30-34	Current Dual	25.00	3.01					
10	30-34	Former	168.00	20.22			8.12	22.00	13.10

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	493.00	49.35					
10	35-39	Current CC	158.00	15.82	23.00	7.82			
10	35-39	Current MRTP	119.00	11.91					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	212.00	21.22			10.48	21.00	9.91

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	540.00	48.13					
10	40-44	Current CC	153.00	13.64	20.00	6.76			
10	40-44	Current MRTP	130.00	11.59					
10	40-44	Current Dual	13.00	1.16					
10	40-44	Former	286.00	25.49			11.13	23.00	8.04

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	489.00	50.41					
10	45-49	Current CC	106.00	10.93	22.00	10.68			
10	45-49	Current MRTP	93.00	9.59					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	275.00	28.35			14.89	9.00	3.27

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	99.00	12.21	17.00	9.77			
10	50-54	Current MRTP	72.00	8.88					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	215.00	26.51			14.41	18.00	8.37
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	85.00	13.69	12.00	8.57			
10	55-59	Current MRTP	50.00	8.05					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	180.00	28.99			17.92	10.00	5.56
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	64.00	11.96	10.00	8.62			
10	60-64	Current MRTP	50.00	9.35					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	167.00	31.21			18.02	7.00	4.19
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	49.00	10.04	10.00	11.49			
10	65-69	Current MRTP	33.00	6.76					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	151.00	30.94			22.28	8.00	5.30
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	48.00	8.96	11.00	13.10			
10	70-74	Current MRTP	34.00	6.34					
10	70-74	Current Dual	2.00	0.37					
10	70-74	Former	192.00	35.82			22.03	13.00	6.77
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	24.00	32.00			
10	75-79	Current MRTP	26.00	4.82					
10	75-79	Current Dual	5.00	0.93					
10	75-79	Former	184.00	34.14			26.03	13.00	7.07
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	4463.00	52.08					
15	All Ages	Current CC	849.00	9.91	196.00	10.32			
15	All Ages	Current MRTP	918.00	10.71					
15	All Ages	Current Dual	132.00	1.54					
15	All Ages	Former	2208.00	25.76			16.42	164.00	7.43
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	569.00	69.99					
15	25-29	Current CC	111.00	13.65	1.00	0.51			
15	25-29	Current MRTP	66.00	8.12					
15	25-29	Current Dual	19.00	2.34					
15	25-29	Former	48.00	5.90			4.13	15.00	31.25
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	482.00	57.11					

Results for PHIM for Run 2 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	129.00	15.28	7.00	2.46			
15	30-34	Current MRTP	123.00	14.57					
15	30-34	Current Dual	32.00	3.79					
15	30-34	Former	78.00	9.24			6.33	10.00	12.82
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	409.00	49.22					
15	35-39	Current CC	89.00	10.71	20.00	9.35			
15	35-39	Current MRTP	103.00	12.39					
15	35-39	Current Dual	22.00	2.65					
15	35-39	Former	208.00	25.03			10.42	21.00	10.10
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	48.95					
15	40-44	Current CC	107.00	10.71	28.00	11.20			
15	40-44	Current MRTP	127.00	12.71					
15	40-44	Current Dual	16.00	1.60					
15	40-44	Former	260.00	26.03			12.34	26.00	10.00
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	540.00	48.13					
15	45-49	Current CC	104.00	9.27	23.00	9.24			
15	45-49	Current MRTP	136.00	12.12					
15	45-49	Current Dual	9.00	0.80					
15	45-49	Former	333.00	29.68			13.62	19.00	5.71
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	489.00	50.41					
15	50-54	Current CC	70.00	7.22	26.00	14.94			
15	50-54	Current MRTP	94.00	9.69					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	307.00	31.65			17.26	14.00	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	70.00	8.63	19.00	12.42			
15	55-59	Current MRTP	79.00	9.74					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	236.00	29.10			17.05	15.00	6.36
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	17.00	14.05			
15	60-64	Current MRTP	60.00	9.66					
15	60-64	Current Dual	7.00	1.13					
15	60-64	Former	199.00	32.05			19.96	12.00	6.03
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	51.00	9.53	20.00	18.87			
15	65-69	Current MRTP	50.00	9.35					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	177.00	33.08			20.65	12.00	6.78
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	250.00	51.23					
15	70-74	Current CC	32.00	6.56	14.00	18.92			
15	70-74	Current MRTP	38.00	7.79					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	164.00	33.61			23.60	11.00	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	32.00	5.97	21.00	26.92			
15	75-79	Current MRTP	42.00	7.84					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	198.00	36.94			24.41	9.00	4.55
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	4144.00	51.58					
20	All Ages	Current CC	590.00	7.34	218.00	13.55			

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20	All Ages	Current MRTP	905.00	11.26					
20	All Ages	Current Dual	114.00	1.42					
20	All Ages	Former	2281.00	28.39			17.53	158.00	6.93
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	536.00	65.93					
20	30-34	Current CC	90.00	11.07	2.00	1.00			
20	30-34	Current MRTP	92.00	11.32					
20	30-34	Current Dual	18.00	2.21					
20	30-34	Former	77.00	9.47			6.29	12.00	15.58
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	466.00	55.21					
20	35-39	Current CC	85.00	10.07	10.00	4.00			
20	35-39	Current MRTP	140.00	16.59					
20	35-39	Current Dual	25.00	2.96					
20	35-39	Former	128.00	15.17			7.30	23.00	17.97
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	399.00	48.01					
20	40-44	Current CC	61.00	7.34	27.00	13.57			
20	40-44	Current MRTP	117.00	14.08					
20	40-44	Current Dual	21.00	2.53					
20	40-44	Former	233.00	28.04			13.53	10.00	4.29
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	48.95					
20	45-49	Current CC	84.00	8.41	28.00	12.79			
20	45-49	Current MRTP	123.00	12.31					
20	45-49	Current Dual	12.00	1.20					
20	45-49	Former	291.00	29.13			14.95	14.00	4.81
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	540.00	48.13					
20	50-54	Current CC	80.00	7.13	33.00	15.94			
20	50-54	Current MRTP	118.00	10.52					
20	50-54	Current Dual	9.00	0.80					
20	50-54	Former	375.00	33.42			16.05	27.00	7.20
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	489.00	50.41					
20	55-59	Current CC	44.00	4.54	27.00	19.15			
20	55-59	Current MRTP	89.00	9.18					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	340.00	35.05			19.39	20.00	5.88
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	422.00	52.03					
20	60-64	Current CC	49.00	6.04	24.00	19.05			
20	60-64	Current MRTP	73.00	9.00					

Results for PHIM for Run 2 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	4.00	0.49					
20	60-64	Former	263.00	32.43			19.10	16.00	6.08

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	41.00	6.60	23.00	20.00			
20	65-69	Current MRTP	68.00	10.95					
20	65-69	Current Dual	6.00	0.97					
20	65-69	Former	205.00	33.01			23.08	8.00	3.90

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	33.00	6.17	19.00	22.09			
20	70-74	Current MRTP	49.00	9.16					
20	70-74	Current Dual	4.00	0.75					
20	70-74	Former	197.00	36.82			22.46	15.00	7.61

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	23.00	4.71	25.00	37.88			
20	75-79	Current MRTP	36.00	7.38					
20	75-79	Current Dual	7.00	1.43					
20	75-79	Former	172.00	35.25			24.87	13.00	7.56

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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	59039.738	88.123	0.044	0.149	2826.86	839.248	837.997	1.251
1992	198532	60226.142	60002.627	223.515	0.113	0.371	2778.64	842.922	839.794	3.128
1993	202512	62332.320	61858.529	473.791	0.234	0.760	2793.47	859.818	853.282	6.536
1994	200658	62691.239	61955.464	735.775	0.367	1.174	2725.82	851.622	841.627	9.995
1995	201023	63132.954	62033.902	1099.053	0.547	1.741	2687.54	844.043	829.350	14.694
1996	201180	64309.880	62868.159	1441.721	0.717	2.242	2653.67	848.280	829.263	19.017
1997	198639	64547.894	62703.518	1844.376	0.929	2.857	2583.39	839.475	815.488	23.987
1998	197573	65384.866	63049.399	2335.468	1.182	3.572	2533.29	838.367	808.421	29.945
1999	211329	67554.762	64404.681	3150.081	1.491	4.663	2673.14	854.513	814.667	39.846
2000	208496	68184.366	64400.854	3783.513	1.815	5.549	2604.20	851.652	804.394	47.258
2001	203606	68286.060	63727.917	4558.143	2.239	6.675	2514.65	843.372	787.077	56.296
2002	200828	68983.996	63759.276	5224.720	2.602	7.574	2455.47	843.450	779.569	63.881
2003	196352	68717.830	62779.774	5938.056	3.024	8.641	2377.49	832.057	760.158	71.900
2004	188160	67344.952	60638.127	6706.825	3.564	9.959	2254.66	806.974	726.608	80.366
2005	186416	67846.650	60303.139	7543.511	4.047	11.118	2208.07	803.634	714.282	89.352
2006	180088	66622.465	58259.947	8362.517	4.644	12.552	2113.55	781.893	683.749	98.144
2007	175644	65977.201	56968.612	9008.589	5.129	13.654	2039.92	766.256	661.631	104.625
2008	177570	67121.344	57257.538	9863.806	5.555	14.695	2039.03	770.751	657.485	113.266
2009	172806	66622.993	55933.402	10689.59	6.186	16.045	1961.22	756.123	634.804	121.319

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	1219245.191	83071.17	2.130	6.379	2465.77	823.300	770.784	52.516

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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_17_Vary_parameter_combinations.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	31508.218	21.800	0.050	0.069	620.154	447.530	447.221	0.309
1992	45423	32811.446	32759.951	51.496	0.113	0.157	635.738	459.227	458.507	0.721
1993	46291	33467.735	33358.710	109.025	0.236	0.326	638.542	461.657	460.153	1.504
1994	47017	33989.389	33824.781	164.608	0.350	0.484	638.697	461.725	459.489	2.236
1995	47840	34566.580	34305.400	261.180	0.546	0.756	639.587	462.131	458.639	3.492
1996	48244	34997.958	34663.790	334.167	0.693	0.955	636.363	461.641	457.233	4.408
1997	49035	35549.658	35099.314	450.343	0.918	1.267	637.723	462.340	456.483	5.857
1998	49686	36138.033	35551.700	586.333	1.180	1.622	637.076	463.363	455.845	7.518
1999	48883	35506.142	34768.872	737.270	1.508	2.076	618.331	449.124	439.798	9.326
2000	50331	36573.306	35630.592	942.714	1.873	2.578	628.656	456.816	445.041	11.775
2001	50389	36733.445	35556.953	1176.492	2.335	3.203	622.333	453.679	439.149	14.530
2002	51445	37627.700	36215.242	1412.458	2.746	3.754	629.005	460.065	442.795	17.270
2003	51408	37552.784	35888.972	1663.812	3.236	4.431	622.464	454.701	434.555	20.146
2004	51399	37527.823	35551.448	1976.375	3.845	5.266	615.898	449.684	426.002	23.682
2005	51421	37486.186	35226.429	2259.758	4.395	6.028	609.074	444.018	417.252	26.767
2006	51355	37409.496	34777.740	2631.756	5.125	7.035	602.712	439.045	408.158	30.887
2007	51839	37602.867	34634.323	2968.545	5.726	7.894	602.056	436.718	402.242	34.477
2008	50976	36986.957	33806.987	3179.969	6.238	8.598	585.355	424.719	388.204	36.515
2009	51193	37201.944	33590.546	3611.399	7.054	9.708	581.003	422.215	381.228	40.987

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	687365.338	24539.50	2.503	3.447	619.890	450.053	434.539	15.513

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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	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	12626.318	36.661	0.038	0.290	1368.32	179.735	179.215	0.520
1992	93721	12337.995	12234.117	103.878	0.111	0.842	1311.71	172.682	171.228	1.454
1993	93679	12401.934	12182.380	219.554	0.234	1.770	1292.22	171.073	168.045	3.029
1994	90832	12128.576	11775.550	353.026	0.389	2.911	1233.90	164.759	159.964	4.796
1995	89698	11958.696	11451.533	507.163	0.565	4.241	1199.20	159.879	153.099	6.780
1996	88286	12020.749	11335.228	685.522	0.776	5.703	1164.54	158.560	149.517	9.042
1997	84777	11593.724	10745.655	848.068	1.000	7.315	1102.56	150.782	139.752	11.030
1998	82517	11337.035	10293.145	1043.890	1.265	9.208	1058.04	145.364	131.979	13.385
1999	93939	13027.458	11527.353	1500.104	1.597	11.515	1188.25	164.787	145.812	18.975
2000	90039	12607.547	10893.846	1713.701	1.903	13.593	1124.63	157.474	136.069	21.405
2001	86119	12350.451	10321.906	2028.545	2.356	16.425	1063.62	152.535	127.482	25.054
2002	83014	12112.097	9847.618	2264.478	2.728	18.696	1014.99	148.092	120.404	27.687
2003	79302	11683.252	9208.929	2474.323	3.120	21.178	960.214	141.465	111.505	29.960
2004	73861	11139.095	8429.277	2709.818	3.669	24.327	885.053	133.476	101.005	32.471
2005	71649	10884.683	7949.340	2935.343	4.097	26.968	848.672	128.927	94.159	34.769
2006	67551	10397.565	7255.270	3142.295	4.652	30.221	792.791	122.028	85.149	36.879
2007	63503	9785.831	6547.502	3238.329	5.099	33.092	737.521	113.652	76.042	37.610
2008	63171	9922.524	6436.017	3486.507	5.519	35.137	725.389	113.940	73.904	40.035
2009	59747	9483.598	5896.510	3587.088	6.004	37.824	678.085	107.632	66.921	40.711

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	199604.257	32878.29	1.992	14.142	1043.56	146.971	126.186	20.785

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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	STROKE

Results for PHIM for Run 2 (APPENDIX_17_Vary_parameter_combinations.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	3102.482	13.533	0.042	0.434	461.369	44.228	44.036	0.192
1992	32560	3095.448	3059.876	35.572	0.109	1.149	455.708	43.324	42.826	0.498
1993	32768	3114.516	3043.953	70.564	0.215	2.266	452.005	42.962	41.989	0.973
1994	33005	3168.398	3052.143	116.255	0.352	3.669	448.353	43.041	41.462	1.579
1995	33730	3200.274	3031.425	168.849	0.501	5.276	450.946	42.785	40.528	2.257
1996	33750	3234.738	3008.550	226.189	0.670	6.992	445.180	42.668	39.684	2.984
1997	33699	3240.665	2959.741	280.924	0.834	8.669	438.271	42.146	38.493	3.654
1998	33274	3171.578	2821.717	349.861	1.051	11.031	426.640	40.666	36.180	4.486
1999	33891	3153.786	2723.199	430.587	1.271	13.653	428.694	39.893	34.446	5.447
2000	33827	3237.043	2711.034	526.009	1.555	16.250	422.514	40.432	33.862	6.570
2001	32506	3110.972	2517.769	593.202	1.825	19.068	401.468	38.422	31.096	7.326
2002	32078	3123.298	2460.176	663.122	2.067	21.231	392.210	38.188	30.080	8.108
2003	30568	3025.984	2310.111	715.873	2.342	23.658	370.127	36.640	27.972	8.668
2004	29388	2983.453	2182.389	801.064	2.726	26.850	352.147	35.750	26.151	9.599
2005	27954	2926.679	2064.826	861.853	3.083	29.448	331.111	34.666	24.458	10.209
2006	27201	2889.308	1958.150	931.158	3.423	32.228	319.236	33.909	22.981	10.928
2007	26302	2810.025	1826.799	983.226	3.738	34.990	305.470	32.636	21.216	11.419
2008	25998	2773.025	1747.138	1025.887	3.946	36.995	298.534	31.843	20.062	11.780
2009	25040	2723.293	1643.843	1079.450	4.311	39.638	284.186	30.907	18.656	12.251

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	623548	61291.743	51418.567	9873.177	1.583	16.108	394.195	38.747	32.506	6.242

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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	11802.719	16.128	0.061	0.136	377.015	167.754	167.525	0.229
1992	26828	11981.252	11948.683	32.570	0.121	0.272	375.483	167.689	167.233	0.456
1993	29774	13348.134	13273.485	74.649	0.251	0.559	410.705	184.125	183.096	1.030
1994	29804	13404.876	13302.989	101.887	0.342	0.760	404.869	182.097	180.713	1.384
1995	29755	13407.404	13245.544	161.860	0.544	1.207	397.803	179.248	177.084	2.164
1996	30900	14056.435	13860.591	195.844	0.634	1.393	407.587	185.412	182.828	2.583
1997	31128	14163.848	13898.807	265.041	0.851	1.871	404.834	184.207	180.760	3.447
1998	32096	14738.220	14382.837	355.383	1.107	2.411	411.536	188.974	184.417	4.557
1999	34616	15867.376	15385.257	482.119	1.393	3.038	437.865	200.710	194.611	6.098
2000	34299	15766.470	15165.382	601.088	1.752	3.812	428.409	196.930	189.422	7.508
2001	34592	16091.193	15331.289	759.904	2.197	4.722	427.231	198.736	189.350	9.385
2002	34291	16120.902	15236.239	884.662	2.580	5.488	419.268	197.106	186.290	10.817
2003	35074	16455.810	15371.763	1084.048	3.091	6.588	424.687	199.252	186.126	13.126
2004	33512	15694.580	14475.012	1219.568	3.639	7.771	401.564	188.063	173.450	14.614
2005	35392	16549.102	15062.544	1486.558	4.200	8.983	419.213	196.022	178.414	17.608
2006	33981	15926.096	14268.786	1657.310	4.877	10.406	398.807	186.912	167.461	19.450
2007	34000	15778.477	13959.988	1818.489	5.348	11.525	394.875	183.251	162.131	21.120
2008	37425	17438.838	15267.395	2171.442	5.802	12.452	429.749	200.249	175.315	24.935
2009	36826	17214.158	14802.504	2411.654	6.549	14.010	417.948	195.368	167.998	27.371

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	645593	296637.233	280857.029	15780.20	2.444	5.320	408.132	187.528	177.553	9.976

Results for PHIM for Run 3 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN2
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_17_Vary_parameter_combinations
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

		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 3 (APPENDIX_17_Vary_parameter_combinations.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		RUN2

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000

Results for PHIM for Run 3 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	1967.00	21.43	138.00	5.09			
5	All Ages	Current MRTP	647.00	7.05					
5	All Ages	Current Dual	97.00	1.06					
5	All Ages	Former	2566.00	27.96			15.79	119.00	4.64

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	3.00	0.88					
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 3 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	211.00	23.06	1.00	0.38			
5	20-24	Current MRTP	38.00	4.15					
5	20-24	Current Dual	15.00	1.64					
5	20-24	Former	22.00	2.40			3.41	6.00	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	527.00	55.01					
5	25-29	Current CC	223.00	23.28	6.00	1.86			
5	25-29	Current MRTP	80.00	8.35					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	109.00	11.38			5.36	8.00	7.34
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	487.00	45.34					
5	30-34	Current CC	292.00	27.19	14.00	3.42			
5	30-34	Current MRTP	105.00	9.78					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	178.00	16.57			7.03	12.00	6.74
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	474.00	43.77					
5	35-39	Current CC	264.00	24.38	12.00	3.39			
5	35-39	Current MRTP	79.00	7.29					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	255.00	23.55			7.81	13.00	5.10
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	402.00	41.32					
5	40-44	Current CC	211.00	21.69	12.00	4.27			
5	40-44	Current MRTP	66.00	6.78					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	290.00	29.80			11.53	20.00	6.90
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	180.00	20.95	14.00	5.45			
5	45-49	Current MRTP	69.00	8.03					
5	45-49	Current Dual	8.00	0.93					
5	45-49	Former	294.00	34.23			13.94	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	150.00	23.81	14.00	6.86			
5	50-54	Current MRTP	49.00	7.78					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	234.00	37.14			17.41	9.00	3.85
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	110.00	20.99	10.00	6.37			
5	55-59	Current MRTP	44.00	8.40					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	212.00	40.46			17.67	7.00	3.30
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	85.00	16.50	14.00	11.76			
5	60-64	Current MRTP	30.00	5.83					
5	60-64	Current Dual	4.00	0.78					
5	60-64	Former	255.00	49.51			18.31	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	12.00	9.45			
5	65-69	Current MRTP	30.00	6.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	253.00	50.60			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

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					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	17.00	18.89			
5	70-74	Current MRTP	29.00	6.47					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	252.00	56.25			23.23	5.00	1.98

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	68.00	18.94					
5	75-79	Current CC	54.00	15.04	12.00	14.81			
5	75-79	Current MRTP	23.00	6.41					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	210.00	58.50			24.52	5.00	2.38

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	4083.00	43.55					
10	All Ages	Current CC	1499.00	15.99	225.00	8.16			
10	All Ages	Current MRTP	1124.00	11.99					
10	All Ages	Current Dual	133.00	1.42					
10	All Ages	Former	2536.00	27.05			17.74	123.00	4.85

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	679.00	75.78					
10	20-24	Current CC	150.00	16.74	1.00	0.49			
10	20-24	Current MRTP	43.00	4.80					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	12.00	1.34			2.50	6.00	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	182.00	19.89	1.00	0.32			
10	25-29	Current MRTP	97.00	10.60					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	49.00	5.36			4.84	12.00	24.49

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	483.00	50.42					
10	30-34	Current CC	160.00	16.70	13.00	3.90			
10	30-34	Current MRTP	145.00	15.14					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	142.00	14.82			8.04	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	474.00	44.13					
10	35-39	Current CC	213.00	19.83	21.00	5.47			
10	35-39	Current MRTP	156.00	14.53					
10	35-39	Current Dual	15.00	1.40					
10	35-39	Former	216.00	20.11			9.82	19.00	8.80

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	470.00	43.40					
10	40-44	Current CC	186.00	17.17	26.00	7.72			
10	40-44	Current MRTP	141.00	13.02					
10	40-44	Current Dual	10.00	0.92					
10	40-44	Former	276.00	25.48			11.41	14.00	5.07

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	402.00	41.32					
10	45-49	Current CC	156.00	16.03	21.00	8.02			
10	45-49	Current MRTP	101.00	10.38					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	309.00	31.76			15.10	13.00	4.21

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 %

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10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	106.00	12.34	28.00	11.67			
10	50-54	Current MRTP	123.00	14.32					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	311.00	36.20			17.01	13.00	4.18
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	11.79			
10	55-59	Current MRTP	86.00	13.65					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	243.00	38.57			20.88	3.00	1.23
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	74.00	14.12	16.00	11.03			
10	60-64	Current MRTP	68.00	12.98					
10	60-64	Current Dual	3.00	0.57					
10	60-64	Former	224.00	42.75			20.65	7.00	3.13
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	17.50			
10	65-69	Current MRTP	53.00	10.29					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	254.00	49.32			21.95	4.00	1.57
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	120.00	24.00					
10	70-74	Current CC	65.00	13.00	28.00	21.54			
10	70-74	Current MRTP	61.00	12.20					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	250.00	50.00			25.36	12.00	4.80
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	26.00	28.26			
10	75-79	Current MRTP	50.00	11.16					
10	75-79	Current Dual	5.00	1.12					
10	75-79	Former	250.00	55.80			26.96	4.00	1.60
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	3856.00	43.19					
15	All Ages	Current CC	1064.00	11.92	301.00	11.29			
15	All Ages	Current MRTP	1453.00	16.28					
15	All Ages	Current Dual	149.00	1.67					
15	All Ages	Former	2405.00	26.94			19.56	119.00	4.95
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	608.00	67.86					
15	25-29	Current CC	134.00	14.96	1.00	0.39			
15	25-29	Current MRTP	101.00	11.27					
15	25-29	Current Dual	22.00	2.46					
15	25-29	Former	31.00	3.46			3.71	10.00	32.26
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	520.00	56.83					

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15	30-34	Current CC	130.00	14.21	3.00	0.93			
15	30-34	Current MRTP	161.00	17.60					
15	30-34	Current Dual	32.00	3.50					
15	30-34	Former	72.00	7.87			6.67	15.00	20.83
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	468.00	48.85					
15	35-39	Current CC	116.00	12.11	21.00	6.29			
15	35-39	Current MRTP	188.00	19.62					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	156.00	16.28			11.46	9.00	5.77
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	472.00	43.95					
15	40-44	Current CC	141.00	13.13	31.00	8.42			
15	40-44	Current MRTP	210.00	19.55					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	234.00	21.79			13.22	10.00	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	470.00	43.40					
15	45-49	Current CC	134.00	12.37	36.00	11.21			
15	45-49	Current MRTP	174.00	16.07					
15	45-49	Current Dual	13.00	1.20					
15	45-49	Former	292.00	26.96			15.08	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	402.00	41.32					
15	50-54	Current CC	109.00	11.20	31.00	12.06			
15	50-54	Current MRTP	140.00	14.39					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	314.00	32.27			18.99	14.00	4.46
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	72.00	8.38	39.00	17.49			
15	55-59	Current MRTP	143.00	16.65					
15	55-59	Current Dual	8.00	0.93					
15	55-59	Former	328.00	38.18			20.18	11.00	3.35
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	79.00	12.54	34.00	18.09			
15	60-64	Current MRTP	109.00	17.30					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	250.00	39.68			23.74	11.00	4.40
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	53.00	10.11	25.00	18.12			
15	65-69	Current MRTP	78.00	14.89					
15	65-69	Current Dual	7.00	1.34					
15	65-69	Former	231.00	44.08			23.12	8.00	3.46
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	45.00	8.74	32.00	27.59			
15	70-74	Current MRTP	65.00	12.62					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	258.00	50.10			25.03	8.00	3.10
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	51.00	10.20	48.00	34.04			
15	75-79	Current MRTP	84.00	16.80					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	239.00	47.80			28.62	9.00	3.77
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	3676.00	43.62					
20	All Ages	Current CC	708.00	8.40	371.00	14.73			

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20	All Ages	Current MRTP	1650.00	19.58					
20	All Ages	Current Dual	160.00	1.90					
20	All Ages	Former	2233.00	26.50			21.41	101.00	4.52

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	575.00	64.17					
20	30-34	Current CC	98.00	10.94	5.00	1.84			
20	30-34	Current MRTP	146.00	16.29					
20	30-34	Current Dual	28.00	3.13					
20	30-34	Former	49.00	5.47			6.00	8.00	16.33

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	502.00	54.86					
20	35-39	Current CC	86.00	9.40	9.00	2.78			
20	35-39	Current MRTP	207.00	22.62					
20	35-39	Current Dual	31.00	3.39					
20	35-39	Former	89.00	9.73			9.04	10.00	11.24

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	459.00	47.91					
20	40-44	Current CC	80.00	8.35	30.00	8.98			
20	40-44	Current MRTP	221.00	23.07					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	165.00	17.22			14.76	7.00	4.24

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	472.00	43.95					
20	45-49	Current CC	108.00	10.06	45.00	12.43			
20	45-49	Current MRTP	238.00	22.16					
20	45-49	Current Dual	16.00	1.49					
20	45-49	Former	240.00	22.35			16.86	12.00	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	470.00	43.40					
20	50-54	Current CC	85.00	7.85	49.00	15.65			
20	50-54	Current MRTP	220.00	20.31					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	300.00	27.70			18.53	13.00	4.33

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	402.00	41.32					
20	55-59	Current CC	79.00	8.12	46.00	18.70			
20	55-59	Current MRTP	158.00	16.24					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	325.00	33.40			22.20	14.00	4.31

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	54.00	6.29	56.00	25.57			
20	60-64	Current MRTP	154.00	17.93					

Results for PHIM for Run 3 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	11.00	1.28					
20	60-64	Former	332.00	38.65			23.51	10.00	3.01

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	53.00	8.41	49.00	25.52			
20	65-69	Current MRTP	132.00	20.95					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	246.00	39.05			26.64	7.00	2.85

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	26.32			
20	70-74	Current MRTP	90.00	17.18					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	236.00	45.04			25.72	13.00	5.51

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	29.00	5.63	47.00	38.21			
20	75-79	Current MRTP	84.00	16.31					
20	75-79	Current Dual	10.00	1.94					
20	75-79	Former	251.00	48.74			28.00	7.00	2.79

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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	123916.417	216.166	0.069	0.174	4845.61	1920.39	1917.04	3.344
1992	308577	122143.718	121532.012	611.707	0.198	0.501	4692.62	1857.47	1848.17	9.302
1993	311713	123269.216	122042.870	1226.346	0.393	0.995	4656.77	1841.55	1823.23	18.321
1994	305700	120480.723	118582.951	1897.773	0.621	1.575	4482.57	1766.64	1738.82	27.828
1995	303225	118666.569	115921.726	2744.843	0.905	2.313	4361.58	1706.89	1667.41	39.482
1996	299559	116607.195	113051.332	3555.862	1.187	3.049	4242.85	1651.58	1601.22	50.364
1997	294226	114665.051	110288.869	4376.182	1.487	3.816	4100.64	1598.09	1537.10	60.991
1998	289258	113038.380	107688.907	5349.474	1.849	4.732	3966.28	1549.97	1476.62	73.351
1999	311002	117067.463	109926.331	7141.131	2.296	6.100	4198.14	1580.27	1483.87	96.396
2000	303786	114977.407	106850.183	8127.224	2.675	7.069	4041.13	1529.49	1421.38	108.113
2001	296294	113047.319	103991.185	9056.134	3.056	8.011	3890.54	1484.39	1365.47	118.913
2002	291898	111744.742	101567.840	10176.90	3.486	9.107	3789.34	1450.64	1318.53	132.114
2003	285865	110551.854	99156.701	11395.15	3.986	10.308	3671.31	1419.80	1273.45	146.346
2004	274177	107418.262	95262.057	12156.20	4.434	11.317	3481.92	1364.16	1209.78	154.378
2005	272379	107678.770	94406.830	13271.94	4.873	12.325	3417.44	1351.01	1184.49	166.518
2006	264118	104357.806	90258.542	14099.26	5.338	13.511	3281.83	1296.71	1121.52	175.192
2007	258419	102690.449	87811.592	14878.86	5.758	14.489	3176.05	1262.10	1079.23	182.866
2008	259461	103492.166	87236.146	16256.02	6.265	15.707	3150.91	1256.82	1059.40	197.414
2009	253907	101384.044	84215.703	17168.34	6.762	16.934	3045.20	1215.94	1010.03	205.907

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	2119538.155	153705.5	2.644	6.762	3927.78	1535.76	1431.92	103.840

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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_17_Vary_parameter_combinations.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	63034.476	34.310	0.044	0.054	1213.84	975.702	975.171	0.531
1992	77987	62535.347	62437.336	98.012	0.126	0.157	1185.97	950.993	949.503	1.490
1993	78542	62883.111	62689.061	194.051	0.247	0.309	1173.36	939.428	936.529	2.899
1994	77437	61805.804	61496.392	309.412	0.400	0.501	1135.48	906.276	901.739	4.537
1995	76904	61145.799	60691.539	454.261	0.591	0.743	1106.18	879.519	872.985	6.534
1996	76232	60385.323	59782.721	602.602	0.790	0.998	1079.72	855.277	846.742	8.535
1997	75473	59549.806	58801.947	747.858	0.991	1.256	1051.87	829.947	819.524	10.423
1998	75381	59292.315	58301.531	990.783	1.314	1.671	1033.62	813.010	799.425	13.586
1999	73159	57398.351	56200.407	1197.944	1.637	2.087	987.557	774.807	758.636	16.171
2000	73784	57716.549	56250.835	1465.713	1.986	2.540	981.515	767.777	748.279	19.498
2001	73294	57211.877	55517.252	1694.625	2.312	2.962	962.399	751.230	728.978	22.252
2002	72442	56438.810	54493.551	1945.259	2.685	3.447	940.422	732.673	707.421	25.253
2003	71942	55948.341	53698.292	2250.049	3.128	4.022	923.937	718.533	689.637	28.897
2004	71301	55339.218	52798.062	2541.157	3.564	4.592	905.490	702.783	670.511	32.272
2005	70964	54964.459	52158.798	2805.661	3.954	5.105	890.360	689.620	654.418	35.202
2006	69658	53781.526	50729.423	3052.103	4.382	5.675	865.543	668.268	630.344	37.924
2007	68565	52784.985	49472.642	3312.343	4.831	6.275	842.687	648.745	608.035	40.710
2008	68226	52470.692	48750.000	3720.692	5.453	7.091	828.542	637.208	592.024	45.184
2009	67509	51823.021	47753.179	4069.842	6.029	7.853	809.661	621.533	572.722	48.811

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	1128501.850	31486.68	2.133	2.714	997.213	783.665	762.393	21.272

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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	36924.202	143.182	0.085	0.386	2599.72	573.449	571.234	2.215
1992	164548	35863.851	35460.011	403.840	0.245	1.126	2502.33	545.392	539.251	6.141
1993	164362	35459.800	34651.231	808.569	0.492	2.280	2455.45	529.744	517.664	12.079
1994	159866	34293.631	33066.236	1227.395	0.768	3.579	2344.16	502.857	484.860	17.998
1995	158083	33531.695	31769.561	1762.134	1.115	5.255	2273.86	482.318	456.972	25.346
1996	154875	32438.163	30176.130	2262.033	1.461	6.973	2193.60	459.443	427.404	32.039
1997	149970	31179.663	28416.626	2763.037	1.842	8.862	2090.14	434.552	396.043	38.509
1998	145407	29860.736	26592.401	3268.335	2.248	10.945	1993.81	409.447	364.632	44.815
1999	165952	34413.904	29845.387	4568.517	2.753	13.275	2240.15	464.545	402.876	61.669
2000	160260	33265.290	28175.721	5089.569	3.176	15.300	2131.87	442.513	374.809	67.704
2001	154444	32074.102	26469.362	5604.739	3.629	17.474	2027.95	421.154	347.560	73.594
2002	151887	31817.956	25565.384	6252.572	4.117	19.651	1971.76	413.052	331.883	81.169
2003	146733	31025.931	24138.073	6887.858	4.694	22.200	1884.46	398.460	310.000	88.459
2004	138381	29503.602	22298.600	7205.002	5.207	24.421	1757.38	374.682	283.182	91.500
2005	135881	29077.894	21307.104	7770.790	5.719	26.724	1704.85	364.830	267.333	97.497
2006	131922	28385.448	20144.307	8241.140	6.247	29.033	1639.21	352.707	250.305	102.401
2007	126502	27327.625	18827.049	8500.576	6.720	31.106	1554.75	335.866	231.391	104.475
2008	125859	27025.472	17986.399	9039.073	7.182	33.446	1528.44	328.199	218.428	109.771
2009	122428	26361.626	16967.789	9393.837	7.673	35.635	1468.33	316.165	203.501	112.664

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	547164.474	91192.20	3.043	14.285	2024.64	431.261	369.653	61.608

****

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_17_Vary_parameter_combinations.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	4467.376	20.607	0.063	0.459	504.630	69.431	69.112	0.319
1992	32100	4371.196	4314.242	56.954	0.177	1.303	488.154	66.474	65.608	0.866
1993	32896	4414.136	4293.869	120.267	0.366	2.725	491.442	65.944	64.147	1.797
1994	33323	4474.895	4281.762	193.134	0.580	4.316	488.625	65.617	62.785	2.832
1995	33569	4476.290	4193.211	283.079	0.843	6.324	482.855	64.387	60.315	4.072
1996	33870	4489.078	4121.314	367.764	1.086	8.192	479.723	63.582	58.373	5.209
1997	33516	4444.866	3984.573	460.294	1.373	10.356	467.113	61.948	55.533	6.415
1998	32795	4313.427	3781.392	532.035	1.622	12.334	449.682	59.145	51.850	7.295
1999	33375	4232.739	3606.902	625.836	1.875	14.786	450.521	57.137	48.689	8.448
2000	33459	4307.577	3595.274	712.303	2.129	16.536	445.090	57.302	47.826	9.475
2001	32275	4136.308	3371.042	765.266	2.371	18.501	423.792	54.312	44.264	10.048
2002	31586	4079.175	3236.262	842.913	2.669	20.664	410.041	52.955	42.012	10.942
2003	30985	4096.221	3137.186	959.035	3.095	23.413	397.934	52.607	40.290	12.317
2004	29884	4034.217	3011.315	1022.902	3.423	25.356	379.513	51.233	38.242	12.990
2005	28708	3944.303	2852.670	1091.633	3.803	27.676	360.189	49.488	35.791	13.696
2006	28188	3970.169	2780.647	1189.522	4.220	29.961	350.253	49.332	34.551	14.781
2007	28026	3957.558	2693.354	1264.203	4.511	31.944	344.449	48.640	33.102	15.537
2008	27128	3812.302	2516.828	1295.474	4.775	33.981	329.444	46.297	30.565	15.732
2009	27068	3827.467	2435.653	1391.814	5.142	36.364	324.637	45.904	29.212	16.693

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	71262.468	13195.04	2.100	15.623	424.421	57.058	48.144	8.914

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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	19490.364	18.067	0.053	0.093	527.418	301.804	301.525	0.280
1992	33942	19373.324	19320.423	52.901	0.156	0.273	516.166	294.616	293.811	0.804
1993	35913	20512.169	20408.709	103.460	0.288	0.504	536.514	306.437	304.891	1.546
1994	35074	19906.392	19738.560	167.832	0.479	0.843	514.300	291.893	289.432	2.461
1995	34669	19512.784	19267.415	245.369	0.708	1.257	498.677	280.671	277.142	3.529
1996	34582	19294.631	18971.168	323.463	0.935	1.676	489.808	273.283	268.701	4.581
1997	35267	19490.717	19085.724	404.993	1.148	2.078	491.517	271.643	265.998	5.644
1998	35675	19571.902	19013.582	558.320	1.565	2.853	489.172	268.368	260.712	7.656
1999	38516	21022.469	20273.635	748.834	1.944	3.562	519.919	283.777	273.669	10.108
2000	36283	19687.992	18828.353	859.639	2.369	4.366	482.656	261.900	250.465	11.435
2001	36281	19625.032	18633.529	991.503	2.733	5.052	476.394	257.690	244.671	13.019
2002	35983	19408.801	18272.642	1136.158	3.157	5.854	467.122	251.960	237.211	14.749
2003	36205	19481.360	18183.150	1298.210	3.586	6.664	464.974	250.195	233.523	16.673
2004	34611	18541.224	17154.081	1387.144	4.008	7.481	439.544	235.465	217.849	17.616
2005	36826	19692.114	18088.258	1603.856	4.355	8.145	462.043	247.070	226.947	20.123
2006	34350	18220.663	16604.163	1616.500	4.706	8.872	426.820	226.403	206.317	20.086
2007	35326	18620.282	16818.547	1801.735	5.100	9.676	434.168	228.849	206.706	22.144
2008	38248	20183.701	17982.919	2200.782	5.754	10.904	464.487	245.112	218.386	26.726
2009	36902	19371.930	17059.082	2312.847	6.268	11.939	442.580	232.335	204.596	27.739

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	712738	390440.974	372609.363	17831.61	2.502	4.567	481.512	263.774	251.727	12.047

Results for PHIM for Run 4 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN2
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_17_Vary_parameter_combinations
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: 4, 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 4 (APPENDIX_17_Vary_parameter_combinations.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		RUN2

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000

Results for PHIM for Run 4 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1630.00	17.95	118.00	5.26			
5	All Ages	Current MRTP	544.00	5.99					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1954.00	21.52			15.05	92.00	4.71

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	1.00	0.34					
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_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	205.00	24.29	3.00	1.18			
5	20-24	Current MRTP	39.00	4.62					
5	20-24	Current Dual	10.00	1.18					
5	20-24	Former	15.00	1.78			3.93	4.00	26.67
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	457.00	54.99					
5	25-29	Current CC	168.00	20.22	9.00	3.66			
5	25-29	Current MRTP	63.00	7.58					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	128.00	15.40			5.61	11.00	8.59
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	516.00	51.65					
5	30-34	Current CC	223.00	22.32	12.00	3.96			
5	30-34	Current MRTP	72.00	7.21					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	180.00	18.02			7.83	11.00	6.11
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	550.00	49.02					
5	35-39	Current CC	231.00	20.59	9.00	2.71			
5	35-39	Current MRTP	92.00	8.20					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	240.00	21.39			8.48	11.00	4.58
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	489.00	50.41					
5	40-44	Current CC	158.00	16.29	8.00	3.49			
5	40-44	Current MRTP	65.00	6.70					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	252.00	25.98			11.61	11.00	4.37
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	122.00	19.65	9.00	5.59			
5	50-54	Current MRTP	37.00	5.96					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	159.00	25.60			15.88	10.00	6.29
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	6.67			
5	55-59	Current MRTP	35.00	6.54					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	148.00	27.66			15.69	5.00	3.38
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	72.00	14.75	7.00	7.07			
5	60-64	Current MRTP	24.00	4.92					
5	60-64	Current Dual	3.00	0.61					
5	60-64	Former	139.00	28.48			20.22	7.00	5.04
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	82.00	15.30	13.00	12.15			
5	65-69	Current MRTP	22.00	4.10					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	169.00	31.53			20.74	8.00	4.73
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	63.00	11.69	14.00	16.28			
5	70-74	Current MRTP	20.00	3.71					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	173.00	32.10			25.09	4.00	2.31

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	22.03			
5	75-79	Current MRTP	17.00	3.50					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	160.00	32.92			28.03	2.00	1.25

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	4869.00	53.45					
10	All Ages	Current CC	1216.00	13.35	189.00	8.15			
10	All Ages	Current MRTP	966.00	10.60					
10	All Ages	Current Dual	137.00	1.50					
10	All Ages	Former	1921.00	21.09			16.86	99.00	5.15

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	632.00	77.74					
10	20-24	Current CC	120.00	14.76	1.00	0.60			
10	20-24	Current MRTP	34.00	4.18					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	14.00	1.72			2.50	7.00	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	527.00	62.44					
10	25-29	Current CC	165.00	19.55	5.00	1.75			
10	25-29	Current MRTP	96.00	11.37					
10	25-29	Current Dual	24.00	2.84					
10	25-29	Former	32.00	3.79			5.19	9.00	28.13

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	423.00	50.90					
10	30-34	Current CC	127.00	15.28	14.00	5.34			
10	30-34	Current MRTP	108.00	13.00					
10	30-34	Current Dual	27.00	3.25					
10	30-34	Former	146.00	17.57			9.16	8.00	5.48

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	493.00	49.35					
10	35-39	Current CC	158.00	15.82	24.00	7.69			
10	35-39	Current MRTP	136.00	13.61					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	194.00	19.42			11.23	13.00	6.70

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	540.00	48.13					
10	40-44	Current CC	153.00	13.64	21.00	6.46			
10	40-44	Current MRTP	156.00	13.90					
10	40-44	Current Dual	16.00	1.43					
10	40-44	Former	257.00	22.91			12.09	10.00	3.89

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	489.00	50.41					
10	45-49	Current CC	104.00	10.72	21.00	9.59			
10	45-49	Current MRTP	106.00	10.93					
10	45-49	Current Dual	9.00	0.93					
10	45-49	Former	262.00	27.01			15.47	9.00	3.44

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 %

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10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	99.00	12.21	21.00	10.94			
10	50-54	Current MRTP	89.00	10.97					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	197.00	24.29			15.47	11.00	5.58
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	301.00	48.47					
10	55-59	Current CC	85.00	13.69	13.00	8.44			
10	55-59	Current MRTP	64.00	10.31					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	166.00	26.73			19.22	4.00	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	252.00	47.10					
10	60-64	Current CC	64.00	11.96	12.00	9.60			
10	60-64	Current MRTP	58.00	10.84					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	158.00	29.53			18.94	2.00	1.27
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	49.00	10.04	13.00	13.68			
10	65-69	Current MRTP	39.00	7.99					
10	65-69	Current Dual	7.00	1.43					
10	65-69	Former	143.00	29.30			23.33	7.00	4.90
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	48.00	8.96	15.00	15.79			
10	70-74	Current MRTP	42.00	7.84					
10	70-74	Current Dual	5.00	0.93					
10	70-74	Former	181.00	33.77			23.18	9.00	4.97
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	29.00	32.95			
10	75-79	Current MRTP	38.00	7.05					
10	75-79	Current Dual	6.00	1.11					
10	75-79	Former	171.00	31.73			27.78	10.00	5.85
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	4463.00	52.08					
15	All Ages	Current CC	845.00	9.86	237.00	10.61			
15	All Ages	Current MRTP	1226.00	14.31					
15	All Ages	Current Dual	163.00	1.90					
15	All Ages	Former	1873.00	21.86			18.57	88.00	4.70
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	569.00	69.99					
15	25-29	Current CC	111.00	13.65	1.00	0.47			
15	25-29	Current MRTP	79.00	9.72					
15	25-29	Current Dual	22.00	2.71					
15	25-29	Former	32.00	3.94			3.97	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	482.00	57.11					

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15	30-34	Current CC	128.00	15.17	7.00	2.27			
15	30-34	Current MRTP	146.00	17.30					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	54.00	6.40			6.85	7.00	12.96
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	409.00	49.22					
15	35-39	Current CC	89.00	10.71	18.00	7.00			
15	35-39	Current MRTP	140.00	16.85					
15	35-39	Current Dual	28.00	3.37					
15	35-39	Former	165.00	19.86			12.11	10.00	6.06
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	48.95					
15	40-44	Current CC	107.00	10.71	36.00	12.12			
15	40-44	Current MRTP	170.00	17.02					
15	40-44	Current Dual	20.00	2.00					
15	40-44	Former	213.00	21.32			14.17	14.00	6.57
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	540.00	48.13					
15	45-49	Current CC	104.00	9.27	29.00	9.32			
15	45-49	Current MRTP	192.00	17.11					
15	45-49	Current Dual	15.00	1.34					
15	45-49	Former	271.00	24.15			15.65	9.00	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	489.00	50.41					
15	50-54	Current CC	70.00	7.22	30.00	14.35			
15	50-54	Current MRTP	127.00	13.09					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	272.00	28.04			18.94	7.00	2.57
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	69.00	8.51	28.00	14.97			
15	55-59	Current MRTP	112.00	13.81					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	202.00	24.91			19.11	7.00	3.47
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	301.00	48.47					
15	60-64	Current CC	54.00	8.70	19.00	13.19			
15	60-64	Current MRTP	83.00	13.37					
15	60-64	Current Dual	7.00	1.13					
15	60-64	Former	176.00	28.34			21.95	6.00	3.41
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	50.00	9.35	20.00	16.67			
15	65-69	Current MRTP	66.00	12.34					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	163.00	30.47			22.08	7.00	4.29
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	33.00	6.76	22.00	23.91			
15	70-74	Current MRTP	52.00	10.66					
15	70-74	Current Dual	7.00	1.43					
15	70-74	Former	146.00	29.92			26.02	3.00	2.05
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	30.00	5.60	27.00	27.84			
15	75-79	Current MRTP	59.00	11.01					
15	75-79	Current Dual	8.00	1.49					
15	75-79	Former	179.00	33.40			26.52	6.00	3.35
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	4144.00	51.58					
20	All Ages	Current CC	586.00	7.29	258.00	12.37			

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20	All Ages	Current MRTP	1349.00	16.79					
20	All Ages	Current Dual	151.00	1.88					
20	All Ages	Former	1804.00	22.45			20.38	92.00	5.10

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	536.00	65.93					
20	30-34	Current CC	90.00	11.07	2.00	0.87			
20	30-34	Current MRTP	117.00	14.39					
20	30-34	Current Dual	22.00	2.71					
20	30-34	Former	48.00	5.90			6.52	5.00	10.42

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	466.00	55.21					
20	35-39	Current CC	83.00	9.83	7.00	2.33			
20	35-39	Current MRTP	187.00	22.16					
20	35-39	Current Dual	30.00	3.55					
20	35-39	Former	78.00	9.24			8.45	11.00	14.10

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	399.00	48.01					
20	40-44	Current CC	61.00	7.34	21.00	8.20			
20	40-44	Current MRTP	167.00	20.10					
20	40-44	Current Dual	28.00	3.37					
20	40-44	Former	176.00	21.18			15.61	7.00	3.98

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	489.00	48.95					
20	45-49	Current CC	84.00	8.41	38.00	13.24			
20	45-49	Current MRTP	186.00	18.62					
20	45-49	Current Dual	17.00	1.70					
20	45-49	Former	223.00	22.32			17.35	9.00	4.04

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	540.00	48.13					
20	50-54	Current CC	79.00	7.04	39.00	13.18			
20	50-54	Current MRTP	204.00	18.18					
20	50-54	Current Dual	13.00	1.16					
20	50-54	Former	286.00	25.49			18.78	14.00	4.90

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	489.00	50.41					
20	55-59	Current CC	44.00	4.54	36.00	18.09			
20	55-59	Current MRTP	144.00	14.85					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	282.00	29.07			22.10	8.00	2.84

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	48.00	5.92	35.00	19.89			
20	60-64	Current MRTP	120.00	14.80					

Results for PHIM for Run 4 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	213.00	26.26			21.86	12.00	5.63

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	41.00	6.60	26.00	18.06			
20	65-69	Current MRTP	95.00	15.30					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	176.00	28.34			25.53	6.00	3.41

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	33.00	6.17	25.00	22.52			
20	70-74	Current MRTP	71.00	13.27					
20	70-74	Current Dual	7.00	1.31					
20	70-74	Former	172.00	32.15			24.99	7.00	4.07

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	23.00	4.71	29.00	32.95			
20	75-79	Current MRTP	58.00	11.89					
20	75-79	Current Dual	7.00	1.43					
20	75-79	Former	150.00	30.74			27.49	13.00	8.67

****

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	59039.738	88.123	0.044	0.149	2826.86	839.248	837.997	1.251
1992	198532	60226.142	60002.702	223.440	0.113	0.371	2778.64	842.922	839.795	3.127
1993	202512	62332.320	61859.685	472.634	0.233	0.758	2793.47	859.818	853.298	6.520
1994	200658	62691.239	61962.930	728.309	0.363	1.162	2725.82	851.622	841.729	9.894
1995	201023	63132.954	62054.059	1078.896	0.537	1.709	2687.54	844.043	829.619	14.424
1996	201180	64309.880	62906.319	1403.561	0.698	2.182	2653.67	848.280	829.766	18.514
1997	198639	64547.894	62762.462	1785.432	0.899	2.766	2583.39	839.475	816.255	23.220
1998	197573	65384.866	63131.028	2253.838	1.141	3.447	2533.29	838.367	809.468	28.899
1999	211329	67554.762	64501.560	3053.202	1.445	4.520	2673.14	854.513	815.893	38.621
2000	208496	68184.366	64528.668	3655.698	1.753	5.361	2604.20	851.652	805.990	45.661
2001	203606	68286.060	63880.317	4405.743	2.164	6.452	2514.65	843.372	788.959	54.413
2002	200828	68983.996	63939.998	5043.998	2.512	7.312	2455.47	843.450	781.778	61.672
2003	196352	68717.830	62990.321	5727.509	2.917	8.335	2377.49	832.057	762.707	69.351
2004	188160	67344.952	60879.834	6465.118	3.436	9.600	2254.66	806.974	729.504	77.469
2005	186416	67846.650	60589.836	7256.814	3.893	10.696	2208.07	803.634	717.678	85.956
2006	180088	66622.465	58588.122	8034.343	4.461	12.060	2113.55	781.893	687.601	94.293
2007	175644	65977.201	57351.269	8625.932	4.911	13.074	2039.92	766.256	666.075	100.181
2008	177570	67121.344	57721.844	9399.499	5.293	14.004	2039.03	770.751	662.817	107.934
2009	172806	66622.993	56436.755	10186.24	5.895	15.289	1961.22	756.123	640.516	115.606

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	1222428.037	79888.33	2.048	6.134	2465.77	823.300	772.796	50.504

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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_17_Vary_parameter_combinations.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	31508.218	21.800	0.050	0.069	620.154	447.530	447.221	0.309
1992	45423	32811.446	32759.957	51.489	0.113	0.157	635.738	459.227	458.507	0.721
1993	46291	33467.735	33358.950	108.786	0.235	0.325	638.542	461.657	460.156	1.501
1994	47017	33989.389	33826.866	162.523	0.346	0.478	638.697	461.725	459.517	2.208
1995	47840	34566.580	34311.019	255.561	0.534	0.739	639.587	462.131	458.714	3.417
1996	48244	34997.958	34674.440	323.517	0.671	0.924	636.363	461.641	457.373	4.267
1997	49035	35549.658	35116.662	432.996	0.883	1.218	637.723	462.340	456.708	5.631
1998	49686	36138.033	35575.747	562.286	1.132	1.556	637.076	463.363	456.153	7.210
1999	48883	35506.142	34794.937	711.205	1.455	2.003	618.331	449.124	440.128	8.996
2000	50331	36573.306	35666.356	906.950	1.802	2.480	628.656	456.816	445.488	11.328
2001	50389	36733.445	35599.665	1133.780	2.250	3.087	622.333	453.679	439.676	14.003
2002	51445	37627.700	36265.125	1362.575	2.649	3.621	629.005	460.065	443.405	16.660
2003	51408	37552.784	35947.825	1604.959	3.122	4.274	622.464	454.701	435.268	19.433
2004	51399	37527.823	35621.820	1906.003	3.708	5.079	615.898	449.684	426.845	22.839
2005	51421	37486.186	35313.722	2172.464	4.225	5.795	609.074	444.018	418.286	25.733
2006	51355	37409.496	34879.974	2529.522	4.926	6.762	602.712	439.045	409.358	29.687
2007	51839	37602.867	34760.803	2842.065	5.482	7.558	602.056	436.718	403.710	33.008
2008	50976	36986.957	33958.495	3028.461	5.941	8.188	585.355	424.719	389.944	34.776
2009	51193	37201.944	33763.692	3438.253	6.716	9.242	581.003	422.215	383.193	39.022

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	688349.644	23555.20	2.402	3.309	619.890	450.053	435.162	14.891

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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 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	12626.318	36.661	0.038	0.290	1368.32	179.735	179.215	0.520
1992	93721	12337.995	12234.171	103.825	0.111	0.842	1311.71	172.682	171.229	1.453
1993	93679	12401.934	12182.939	218.995	0.234	1.766	1292.22	171.073	168.053	3.021
1994	90832	12128.576	11778.413	350.163	0.386	2.887	1233.90	164.759	160.003	4.757
1995	89698	11958.696	11459.241	499.455	0.557	4.177	1199.20	159.879	153.202	6.677
1996	88286	12020.749	11349.532	671.217	0.760	5.584	1164.54	158.560	149.706	8.854
1997	84777	11593.724	10766.807	826.916	0.975	7.132	1102.56	150.782	140.027	10.754
1998	82517	11337.035	10321.813	1015.222	1.230	8.955	1058.04	145.364	132.347	13.017
1999	93939	13027.458	11565.933	1461.524	1.556	11.219	1188.25	164.787	146.300	18.487
2000	90039	12607.547	10943.405	1664.142	1.848	13.200	1124.63	157.474	136.688	20.786
2001	86119	12350.451	10383.281	1967.169	2.284	15.928	1063.62	152.535	128.240	24.296
2002	83014	12112.097	9921.606	2190.490	2.639	18.085	1014.99	148.092	121.309	26.783
2003	79302	11683.252	9294.475	2388.777	3.012	20.446	960.214	141.465	112.540	28.924
2004	73861	11139.095	8526.205	2612.890	3.538	23.457	885.053	133.476	102.167	31.309
2005	71649	10884.683	8058.891	2825.792	3.944	25.961	848.672	128.927	95.456	33.471
2006	67551	10397.565	7383.213	3014.352	4.462	28.991	792.791	122.028	86.651	35.377
2007	63503	9785.831	6688.855	3096.977	4.877	31.648	737.521	113.652	77.684	35.968
2008	63171	9922.524	6603.498	3319.027	5.254	33.449	725.389	113.940	75.828	38.112
2009	59747	9483.598	6070.677	3412.921	5.712	35.988	678.085	107.632	68.898	38.734

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	200806.034	31676.52	1.919	13.625	1043.56	146.971	126.946	20.025

****

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_17_Vary_parameter_combinations.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	3102.482	13.533	0.042	0.434	461.369	44.228	44.036	0.192
1992	32560	3095.448	3059.889	35.559	0.109	1.149	455.708	43.324	42.826	0.498
1993	32768	3114.516	3044.146	70.370	0.215	2.259	452.005	42.962	41.991	0.971
1994	33005	3168.398	3052.996	115.402	0.350	3.642	448.353	43.041	41.473	1.568
1995	33730	3200.274	3034.087	166.187	0.493	5.193	450.946	42.785	40.564	2.222
1996	33750	3234.738	3013.379	221.359	0.656	6.843	445.180	42.668	39.748	2.920
1997	33699	3240.665	2967.018	273.646	0.812	8.444	438.271	42.146	38.587	3.559
1998	33274	3171.578	2831.572	340.006	1.022	10.720	426.640	40.666	36.307	4.360
1999	33891	3153.786	2734.691	419.096	1.237	13.289	428.694	39.893	34.592	5.301
2000	33827	3237.043	2726.488	510.555	1.509	15.772	422.514	40.432	34.055	6.377
2001	32506	3110.972	2534.894	576.078	1.772	18.518	401.468	38.422	31.307	7.115
2002	32078	3123.298	2481.609	641.688	2.000	20.545	392.210	38.188	30.342	7.846
2003	30568	3025.984	2334.462	691.522	2.262	22.853	370.127	36.640	28.266	8.373
2004	29388	2983.453	2210.542	772.911	2.630	25.907	352.147	35.750	26.488	9.262
2005	27954	2926.679	2095.384	831.295	2.974	28.404	331.111	34.666	24.820	9.847
2006	27201	2889.308	1995.064	894.245	3.288	30.950	319.236	33.909	23.414	10.495
2007	26302	2810.025	1866.767	943.258	3.586	33.568	305.470	32.636	21.681	10.955
2008	25998	2773.025	1793.043	979.982	3.769	35.340	298.534	31.843	20.589	11.253
2009	25040	2723.293	1692.819	1030.474	4.115	37.839	284.186	30.907	19.212	11.695

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	51764.577	9527.166	1.528	15.544	394.195	38.747	32.725	6.023

****

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	11802.719	16.128	0.061	0.136	377.015	167.754	167.525	0.229
1992	26828	11981.252	11948.685	32.568	0.121	0.272	375.483	167.689	167.233	0.456
1993	29774	13348.134	13273.651	74.483	0.250	0.558	410.705	184.125	183.098	1.027
1994	29804	13404.876	13304.655	100.221	0.336	0.748	404.869	182.097	180.736	1.361
1995	29755	13407.404	13249.713	157.692	0.530	1.176	397.803	179.248	177.139	2.108
1996	30900	14056.435	13868.967	187.468	0.607	1.334	407.587	185.412	182.939	2.473
1997	31128	14163.848	13911.974	251.874	0.809	1.778	404.834	184.207	180.932	3.276
1998	32096	14738.220	14401.896	336.324	1.048	2.282	411.536	188.974	184.662	4.312
1999	34616	15867.376	15406.000	461.376	1.333	2.908	437.865	200.710	194.874	5.836
2000	34299	15766.470	15192.418	574.052	1.674	3.641	428.409	196.930	189.760	7.170
2001	34592	16091.193	15362.477	728.716	2.107	4.529	427.231	198.736	189.735	9.000
2002	34291	16120.902	15271.657	849.244	2.477	5.268	419.268	197.106	186.723	10.383
2003	35074	16455.810	15413.559	1042.251	2.972	6.334	424.687	199.252	186.632	12.620
2004	33512	15694.580	14521.266	1173.314	3.501	7.476	401.564	188.063	174.004	14.059
2005	35392	16549.102	15121.839	1427.263	4.033	8.624	419.213	196.022	179.116	16.906
2006	33981	15926.096	14329.872	1596.224	4.697	10.023	398.807	186.912	168.178	18.734
2007	34000	15778.477	14034.845	1743.632	5.128	11.051	394.875	183.251	163.000	20.250
2008	37425	17438.838	15366.808	2072.029	5.536	11.882	429.749	200.249	176.456	23.793
2009	36826	17214.158	14909.567	2304.591	6.258	13.388	417.948	195.368	169.213	26.155

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	281507.782	15129.45	2.343	5.100	408.132	187.528	177.964	9.565

Results for PHIM for Run 5 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN3
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_17_Vary_parameter_combinations
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

		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 5 (APPENDIX_17_Vary_parameter_combinations.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: 5, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN3

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000

Results for PHIM for Run 5 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2038.00	22.21	129.00	4.86			
5	All Ages	Current MRTP	536.00	5.84					
5	All Ages	Current Dual	79.00	0.86					
5	All Ages	Former	2624.00	28.59			15.46	161.00	6.14

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	2.00	0.59					
5	18-19	Former	3.00	0.88			0.67	3.00	100.00

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

Results for PHIM for Run 5 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	214.00	23.39	2.00	0.77			
5	20-24	Current MRTP	34.00	3.72					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	27.00	2.95			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	527.00	55.01					
5	25-29	Current CC	233.00	24.32	6.00	1.92			
5	25-29	Current MRTP	64.00	6.68					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	118.00	12.32			4.98	15.00	12.71
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	487.00	45.34					
5	30-34	Current CC	304.00	28.31	14.00	3.47			
5	30-34	Current MRTP	89.00	8.29					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	184.00	17.13			6.85	15.00	8.15
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	474.00	43.77					
5	35-39	Current CC	268.00	24.75	11.00	3.17			
5	35-39	Current MRTP	69.00	6.37					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	262.00	24.19			7.61	20.00	7.63
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	402.00	41.32					
5	40-44	Current CC	215.00	22.10	10.00	3.62			
5	40-44	Current MRTP	58.00	5.96					
5	40-44	Current Dual	3.00	0.31					
5	40-44	Former	295.00	30.32			11.35	26.00	8.81
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	308.00	35.86					
5	45-49	Current CC	189.00	22.00	13.00	5.10			
5	45-49	Current MRTP	60.00	6.98					
5	45-49	Current Dual	6.00	0.70					
5	45-49	Former	296.00	34.46			13.86	15.00	5.07
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	155.00	24.60	14.00	6.97			
5	50-54	Current MRTP	42.00	6.67					
5	50-54	Current Dual	4.00	0.63					
5	50-54	Former	237.00	37.62			17.20	12.00	5.06
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	117.00	22.33	9.00	5.88			
5	55-59	Current MRTP	33.00	6.30					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	216.00	41.22			17.38	9.00	4.17
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	92.00	17.86	14.00	12.07			
5	60-64	Current MRTP	21.00	4.08					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	258.00	50.10			18.11	14.00	5.43
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	96.00	19.20	12.00	9.60			
5	65-69	Current MRTP	25.00	5.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	255.00	51.00			22.25	6.00	2.35
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	106.00	23.66					
5	70-74	Current CC	61.00	13.62	14.00	16.09			
5	70-74	Current MRTP	23.00	5.13					
5	70-74	Current Dual	3.00	0.67					
5	70-74	Former	255.00	56.92			22.97	7.00	2.75

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	56.00	15.60	10.00	13.70			
5	75-79	Current MRTP	13.00	3.62					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	218.00	60.72			23.67	10.00	4.59

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	4083.00	43.55					
10	All Ages	Current CC	1641.00	17.50	191.00	7.50			
10	All Ages	Current MRTP	822.00	8.77					
10	All Ages	Current Dual	83.00	0.89					
10	All Ages	Former	2746.00	29.29			16.58	201.00	7.32

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	679.00	75.78					
10	20-24	Current CC	153.00	17.08	1.00	0.51			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	8.00	0.89					
10	20-24	Former	20.00	2.23			2.35	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	195.00	21.31	2.00	0.68			
10	25-29	Current MRTP	77.00	8.42					
10	25-29	Current Dual	23.00	2.51					
10	25-29	Former	67.00	7.32			4.36	19.00	28.36

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	483.00	50.42					
10	30-34	Current CC	184.00	19.21	13.00	4.25			
10	30-34	Current MRTP	102.00	10.65					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	169.00	17.64			7.20	27.00	15.98

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	474.00	44.13					
10	35-39	Current CC	237.00	22.07	17.00	4.74			
10	35-39	Current MRTP	112.00	10.43					
10	35-39	Current Dual	10.00	0.93					
10	35-39	Former	241.00	22.44			9.12	26.00	10.79

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	470.00	43.40					
10	40-44	Current CC	200.00	18.47	21.00	6.89			
10	40-44	Current MRTP	102.00	9.42					
10	40-44	Current Dual	3.00	0.28					
10	40-44	Former	308.00	28.44			10.51	25.00	8.12

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	402.00	41.32					
10	45-49	Current CC	168.00	17.27	20.00	8.00			
10	45-49	Current MRTP	79.00	8.12					
10	45-49	Current Dual	3.00	0.31					
10	45-49	Former	321.00	32.99			14.64	18.00	5.61

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 %

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10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	118.00	13.74	22.00	9.78			
10	50-54	Current MRTP	101.00	11.76					
10	50-54	Current Dual	6.00	0.70					
10	50-54	Former	326.00	37.95			16.31	20.00	6.13
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	116.00	18.41	20.00	11.24			
10	55-59	Current MRTP	62.00	9.84					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	260.00	41.27			19.61	15.00	5.77
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	86.00	16.41	12.00	9.38			
10	60-64	Current MRTP	40.00	7.63					
10	60-64	Current Dual	2.00	0.38					
10	60-64	Former	241.00	45.99			19.39	12.00	4.98
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	67.00	13.01	16.00	15.24			
10	65-69	Current MRTP	37.00	7.18					
10	65-69	Current Dual	1.00	0.19					
10	65-69	Former	269.00	52.23			20.88	7.00	2.60
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	120.00	24.00					
10	70-74	Current CC	75.00	15.00	28.00	23.14			
10	70-74	Current MRTP	42.00	8.40					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	259.00	51.80			24.59	14.00	5.41
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	42.00	9.38	19.00	24.68			
10	75-79	Current MRTP	32.00	7.14					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	265.00	59.15			25.58	9.00	3.40
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	3856.00	43.19					
15	All Ages	Current CC	1266.00	14.18	257.00	11.07			
15	All Ages	Current MRTP	957.00	10.72					
15	All Ages	Current Dual	98.00	1.10					
15	All Ages	Former	2750.00	30.81			17.72	183.00	6.65
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	608.00	67.86					
15	25-29	Current CC	148.00	16.52	1.00	0.42			
15	25-29	Current MRTP	72.00	8.04					
15	25-29	Current Dual	18.00	2.01					
15	25-29	Former	50.00	5.58			3.88	13.00	26.00
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	520.00	56.83					

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15	30-34	Current CC	156.00	17.05	8.00	2.82			
15	30-34	Current MRTP	107.00	11.69					
15	30-34	Current Dual	21.00	2.30					
15	30-34	Former	111.00	12.13			5.69	28.00	25.23
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	468.00	48.85					
15	35-39	Current CC	145.00	15.14	18.00	6.23			
15	35-39	Current MRTP	123.00	12.84					
15	35-39	Current Dual	21.00	2.19					
15	35-39	Former	201.00	20.98			10.08	14.00	6.97
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	472.00	43.95					
15	40-44	Current CC	172.00	16.01	26.00	7.88			
15	40-44	Current MRTP	144.00	13.41					
15	40-44	Current Dual	14.00	1.30					
15	40-44	Former	272.00	25.33			12.23	12.00	4.41
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	470.00	43.40					
15	45-49	Current CC	158.00	14.59	32.00	11.39			
15	45-49	Current MRTP	118.00	10.90					
15	45-49	Current Dual	5.00	0.46					
15	45-49	Former	332.00	30.66			13.93	19.00	5.72
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	402.00	41.32					
15	50-54	Current CC	123.00	12.64	28.00	12.12			
15	50-54	Current MRTP	103.00	10.59					
15	50-54	Current Dual	5.00	0.51					
15	50-54	Former	340.00	34.94			17.93	17.00	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	91.00	10.59	29.00	15.34			
15	55-59	Current MRTP	96.00	11.18					
15	55-59	Current Dual	2.00	0.23					
15	55-59	Former	362.00	42.14			18.64	23.00	6.35
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	87.00	13.81	30.00	19.23			
15	60-64	Current MRTP	69.00	10.95					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	282.00	44.76			21.52	17.00	6.03
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	155.00	29.58					
15	65-69	Current CC	69.00	13.17	20.00	17.39			
15	65-69	Current MRTP	43.00	8.21					
15	65-69	Current Dual	3.00	0.57					
15	65-69	Former	254.00	48.47			21.53	13.00	5.12
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	141.00	27.38					
15	70-74	Current CC	54.00	10.49	23.00	24.73			
15	70-74	Current MRTP	34.00	6.60					
15	70-74	Current Dual	5.00	0.97					
15	70-74	Former	281.00	54.56			23.45	10.00	3.56
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	63.00	12.60	42.00	36.52			
15	75-79	Current MRTP	48.00	9.60					
15	75-79	Current Dual	4.00	0.80					
15	75-79	Former	265.00	53.00			26.22	17.00	6.42
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	3676.00	43.62					
20	All Ages	Current CC	943.00	11.19	305.00	15.14			

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20	All Ages	Current MRTP	994.00	11.80					
20	All Ages	Current Dual	78.00	0.93					
20	All Ages	Former	2736.00	32.47			18.71	184.00	6.73
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	575.00	64.17					
20	30-34	Current CC	121.00	13.50	6.00	2.54			
20	30-34	Current MRTP	99.00	11.05					
20	30-34	Current Dual	16.00	1.79					
20	30-34	Former	85.00	9.49			5.93	13.00	15.29
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	502.00	54.86					
20	35-39	Current CC	127.00	13.88	15.00	5.64			
20	35-39	Current MRTP	128.00	13.99					
20	35-39	Current Dual	11.00	1.20					
20	35-39	Former	147.00	16.07			8.03	17.00	11.56
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	459.00	47.91					
20	40-44	Current CC	112.00	11.69	20.00	7.87			
20	40-44	Current MRTP	129.00	13.47					
20	40-44	Current Dual	13.00	1.36					
20	40-44	Former	245.00	25.57			11.99	27.00	11.02
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	472.00	43.95					
20	45-49	Current CC	138.00	12.85	38.00	12.79			
20	45-49	Current MRTP	150.00	13.97					
20	45-49	Current Dual	9.00	0.84					
20	45-49	Former	305.00	28.40			14.75	23.00	7.54
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	470.00	43.40					
20	50-54	Current CC	109.00	10.06	40.00	15.75			
20	50-54	Current MRTP	144.00	13.30					
20	50-54	Current Dual	1.00	0.09					
20	50-54	Former	359.00	33.15			16.68	21.00	5.85
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	402.00	41.32					
20	55-59	Current CC	101.00	10.38	41.00	20.30			
20	55-59	Current MRTP	96.00	9.87					
20	55-59	Current Dual	5.00	0.51					
20	55-59	Former	369.00	37.92			20.28	27.00	7.32
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	73.00	8.50	45.00	26.16			
20	60-64	Current MRTP	93.00	10.83					

Results for PHIM for Run 5 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	6.00	0.70					
20	60-64	Former	379.00	44.12			21.38	15.00	3.96

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	192.00	30.48					
20	65-69	Current CC	69.00	10.95	40.00	27.21			
20	65-69	Current MRTP	71.00	11.27					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	291.00	46.19			23.60	12.00	4.12

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	50.00	9.54	32.00	31.37			
20	70-74	Current MRTP	49.00	9.35					
20	70-74	Current Dual	3.00	0.57					
20	70-74	Former	267.00	50.95			23.71	15.00	5.62

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	43.00	8.35	28.00	32.94			
20	75-79	Current MRTP	35.00	6.80					
20	75-79	Current Dual	7.00	1.36					
20	75-79	Former	289.00	56.12			25.21	14.00	4.84

****

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	123916.417	216.166	0.069	0.174	4845.61	1920.39	1917.04	3.344
1992	308577	122143.718	121544.140	599.579	0.194	0.491	4692.62	1857.47	1848.36	9.118
1993	311713	123269.216	122101.815	1167.401	0.375	0.947	4656.77	1841.55	1824.11	17.440
1994	305700	120480.723	118718.545	1762.179	0.576	1.463	4482.57	1766.64	1740.80	25.839
1995	303225	118666.569	116141.745	2524.824	0.833	2.128	4361.58	1706.89	1670.58	36.317
1996	299559	116607.195	113379.427	3227.767	1.078	2.768	4242.85	1651.58	1605.87	45.717
1997	294226	114665.051	110751.507	3913.544	1.330	3.413	4100.64	1598.09	1543.55	54.543
1998	289258	113038.380	108246.098	4792.282	1.657	4.240	3966.28	1549.97	1484.26	65.711
1999	311002	117067.463	110689.358	6378.105	2.051	5.448	4198.14	1580.27	1494.17	86.097
2000	303786	114977.407	107674.658	7302.750	2.404	6.351	4041.13	1529.49	1432.35	97.145
2001	296294	113047.319	104912.455	8134.864	2.746	7.196	3890.54	1484.39	1377.57	106.816
2002	291898	111744.742	102674.939	9069.803	3.107	8.117	3789.34	1450.64	1332.90	117.742
2003	285865	110551.854	100335.752	10216.10	3.574	9.241	3671.31	1419.80	1288.59	131.203
2004	274177	107418.262	96561.575	10856.69	3.960	10.107	3481.92	1364.16	1226.29	137.875
2005	272379	107678.770	95826.319	11852.45	4.351	11.007	3417.44	1351.01	1202.30	148.709
2006	264118	104357.806	91767.751	12590.06	4.767	12.064	3281.83	1296.71	1140.27	156.439
2007	258419	102690.449	89411.240	13279.21	5.139	12.931	3176.05	1262.10	1098.89	163.206
2008	259461	103492.166	88984.394	14507.77	5.592	14.018	3150.91	1256.82	1080.63	176.183
2009	253907	101384.044	86065.615	15318.43	6.033	15.109	3045.20	1215.94	1032.22	183.720

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	2135533.710	137710.0	2.369	6.058	3927.78	1535.76	1442.72	93.034

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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_17_Vary_parameter_combinations.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	63034.476	34.310	0.044	0.054	1213.84	975.702	975.171	0.531
1992	77987	62535.347	62439.623	95.725	0.123	0.153	1185.97	950.993	949.537	1.456
1993	78542	62883.111	62698.025	185.086	0.236	0.294	1173.36	939.428	936.663	2.765
1994	77437	61805.804	61517.252	288.552	0.373	0.467	1135.48	906.276	902.045	4.231
1995	76904	61145.799	60726.578	419.221	0.545	0.686	1106.18	879.519	873.489	6.030
1996	76232	60385.323	59837.589	547.733	0.719	0.907	1079.72	855.277	847.519	7.758
1997	75473	59549.806	58886.529	663.277	0.879	1.114	1051.87	829.947	820.703	9.244
1998	75381	59292.315	58411.846	880.469	1.168	1.485	1033.62	813.010	800.937	12.073
1999	73159	57398.351	56335.891	1062.461	1.452	1.851	987.557	774.807	760.465	14.342
2000	73784	57716.549	56400.092	1316.457	1.784	2.281	981.515	767.777	750.265	17.512
2001	73294	57211.877	55691.208	1520.669	2.075	2.658	962.399	751.230	731.263	19.967
2002	72442	56438.810	54713.631	1725.179	2.381	3.057	940.422	732.673	710.278	22.396
2003	71942	55948.341	53937.464	2010.877	2.795	3.594	923.937	718.533	692.708	25.825
2004	71301	55339.218	53086.076	2253.142	3.160	4.072	905.490	702.783	674.169	28.614
2005	70964	54964.459	52479.359	2485.101	3.502	4.521	890.360	689.620	658.440	31.180
2006	69658	53781.526	51080.716	2700.810	3.877	5.022	865.543	668.268	634.709	33.559
2007	68565	52784.985	49864.616	2920.368	4.259	5.533	842.687	648.745	612.853	35.892
2008	68226	52470.692	49178.878	3291.814	4.825	6.274	828.542	637.208	597.232	39.976
2009	67509	51823.021	48219.500	3603.521	5.338	6.954	809.661	621.533	578.315	43.218

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	1131983.755	28004.77	1.897	2.414	997.213	783.665	764.746	18.919

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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 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	36924.202	143.182	0.085	0.386	2599.72	573.449	571.234	2.215
1992	164548	35863.851	35466.986	396.865	0.241	1.107	2502.33	545.392	539.357	6.035
1993	164362	35459.800	34690.520	769.280	0.468	2.169	2455.45	529.744	518.251	11.492
1994	159866	34293.631	33155.332	1138.299	0.712	3.319	2344.16	502.857	486.166	16.691
1995	158083	33531.695	31912.590	1619.105	1.024	4.829	2273.86	482.318	459.029	23.289
1996	154875	32438.163	30386.497	2051.666	1.325	6.325	2193.60	459.443	430.384	29.059
1997	149970	31179.663	28700.671	2478.992	1.653	7.951	2090.14	434.552	400.002	34.550
1998	145407	29860.736	26922.383	2938.353	2.021	9.840	1993.81	409.447	369.157	40.290
1999	165952	34413.904	30320.447	4093.457	2.467	11.895	2240.15	464.545	409.289	55.257
2000	160260	33265.290	28691.556	4573.734	2.854	13.749	2131.87	442.513	381.671	60.842
2001	154444	32074.102	27037.152	5036.950	3.261	15.704	2027.95	421.154	355.016	66.138
2002	151887	31817.956	26233.014	5584.942	3.677	17.553	1971.76	413.052	340.550	72.502
2003	146733	31025.931	24845.954	6179.977	4.212	19.919	1884.46	398.460	319.092	79.368
2004	138381	29503.602	23052.493	6451.109	4.662	21.865	1757.38	374.682	292.756	81.926
2005	135881	29077.894	22118.822	6959.072	5.121	23.933	1704.85	364.830	277.517	87.313
2006	131922	28385.448	21000.436	7385.012	5.598	26.017	1639.21	352.707	260.943	91.763
2007	126502	27327.625	19700.770	7626.855	6.029	27.909	1554.75	335.866	242.129	93.737
2008	125859	27025.472	18927.301	8098.171	6.434	29.965	1528.44	328.199	229.855	98.345
2009	122428	26361.626	17961.256	8400.370	6.861	31.866	1468.33	316.165	215.416	100.749

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	2996888	638356.673	556431.282	81925.39	2.734	12.834	2024.64	431.261	375.914	55.347

****

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_17_Vary_parameter_combinations.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	4467.376	20.607	0.063	0.459	504.630	69.431	69.112	0.319
1992	32100	4371.196	4315.933	55.263	0.172	1.264	488.154	66.474	65.634	0.840
1993	32896	4414.136	4300.240	113.897	0.346	2.580	491.442	65.944	64.242	1.702
1994	33323	4474.895	4296.912	177.983	0.534	3.977	488.625	65.617	63.007	2.610
1995	33569	4476.290	4216.940	259.351	0.773	5.794	482.855	64.387	60.656	3.730
1996	33870	4489.078	4154.920	334.159	0.987	7.444	479.723	63.582	58.849	4.733
1997	33516	4444.866	4031.116	413.750	1.234	9.308	467.113	61.948	56.182	5.766
1998	32795	4313.427	3832.775	480.652	1.466	11.143	449.682	59.145	52.555	6.591
1999	33375	4232.739	3672.124	560.615	1.680	13.245	450.521	57.137	49.569	7.568
2000	33459	4307.577	3669.507	638.070	1.907	14.813	445.090	57.302	48.814	8.488
2001	32275	4136.308	3450.611	685.697	2.125	16.578	423.792	54.312	45.309	9.004
2002	31586	4079.175	3330.265	748.909	2.371	18.359	410.041	52.955	43.233	9.722
2003	30985	4096.221	3235.851	860.371	2.777	21.004	397.934	52.607	41.557	11.050
2004	29884	4034.217	3113.979	920.238	3.079	22.811	379.513	51.233	39.546	11.687
2005	28708	3944.303	2957.155	987.147	3.439	25.027	360.189	49.488	37.102	12.385
2006	28188	3970.169	2891.557	1078.612	3.826	27.168	350.253	49.332	35.929	13.402
2007	28026	3957.558	2810.636	1146.921	4.092	28.981	344.449	48.640	34.544	14.096
2008	27128	3812.302	2641.246	1171.056	4.317	30.718	329.444	46.297	32.075	14.221
2009	27068	3827.467	2572.887	1254.580	4.635	32.778	324.637	45.904	30.858	15.047

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	72549.626	11907.88	1.895	14.099	424.421	57.058	49.013	8.045

****

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	19490.364	18.067	0.053	0.093	527.418	301.804	301.525	0.280
1992	33942	19373.324	19321.597	51.727	0.152	0.267	516.166	294.616	293.829	0.787
1993	35913	20512.169	20413.030	99.139	0.276	0.483	536.514	306.437	304.956	1.481
1994	35074	19906.392	19749.048	157.344	0.449	0.790	514.300	291.893	289.586	2.307
1995	34669	19512.784	19285.637	227.148	0.655	1.164	498.677	280.671	277.404	3.267
1996	34582	19294.631	19000.421	294.209	0.851	1.525	489.808	273.283	269.115	4.167
1997	35267	19490.717	19133.191	357.526	1.014	1.834	491.517	271.643	266.660	4.983
1998	35675	19571.902	19079.094	492.808	1.381	2.518	489.172	268.368	261.611	6.757
1999	38516	21022.469	20360.896	661.573	1.718	3.147	519.919	283.777	274.847	8.930
2000	36283	19687.992	18913.503	774.488	2.135	3.934	482.656	261.900	251.598	10.303
2001	36281	19625.032	18733.484	891.548	2.457	4.543	476.394	257.690	245.983	11.707
2002	35983	19408.801	18398.028	1010.772	2.809	5.208	467.122	251.960	238.838	13.122
2003	36205	19481.360	18316.483	1164.877	3.217	5.979	464.974	250.195	235.235	14.960
2004	34611	18541.224	17309.027	1232.198	3.560	6.646	439.544	235.465	219.817	15.648
2005	36826	19692.114	18270.984	1421.130	3.859	7.217	462.043	247.070	229.240	17.830
2006	34350	18220.663	16795.041	1425.622	4.150	7.824	426.820	226.403	208.689	17.714
2007	35326	18620.282	17035.217	1585.064	4.487	8.513	434.168	228.849	209.368	19.481
2008	38248	20183.701	18236.970	1946.731	5.090	9.645	464.487	245.112	221.471	23.641
2009	36902	19371.930	17311.973	2059.957	5.582	10.634	442.580	232.335	207.629	24.706

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	712738	390440.974	374569.047	15871.93	2.227	4.065	481.512	263.774	253.051	10.723

Results for PHIM for Run 6 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN3
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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		RUN3

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000

Results for PHIM for Run 6 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1683.00	18.54	104.00	4.74			
5	All Ages	Current MRTP	452.00	4.98					
5	All Ages	Current Dual	58.00	0.64					
5	All Ages	Former	2005.00	22.08			14.69	127.00	6.33

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 6 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	208.00	24.64	3.00	1.20			
5	20-24	Current MRTP	34.00	4.03					
5	20-24	Current Dual	9.00	1.07					
5	20-24	Former	18.00	2.13			3.39	6.00	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	457.00	54.99					
5	25-29	Current CC	171.00	20.58	10.00	4.10			
5	25-29	Current MRTP	59.00	7.10					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	130.00	15.64			5.55	12.00	9.23
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	516.00	51.65					
5	30-34	Current CC	229.00	22.92	12.00	4.03			
5	30-34	Current MRTP	61.00	6.11					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	185.00	18.52			7.64	15.00	8.11
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	550.00	49.02					
5	35-39	Current CC	245.00	21.84	7.00	2.18			
5	35-39	Current MRTP	71.00	6.33					
5	35-39	Current Dual	5.00	0.45					
5	35-39	Former	251.00	22.37			8.15	19.00	7.57
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	489.00	50.41					
5	40-44	Current CC	165.00	17.01	7.00	3.10			
5	40-44	Current MRTP	56.00	5.77					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	255.00	26.29			11.49	12.00	4.71
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	147.00	18.13	10.00	5.18			
5	45-49	Current MRTP	41.00	5.06					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	196.00	24.17			11.66	7.00	3.57
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	126.00	20.29	9.00	5.70			
5	50-54	Current MRTP	30.00	4.83					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	162.00	26.09			15.61	11.00	6.79
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	99.00	18.50	8.00	6.02			
5	55-59	Current MRTP	31.00	5.79					
5	55-59	Current Dual	3.00	0.56					
5	55-59	Former	150.00	28.04			15.48	7.00	4.67
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	72.00	14.75	7.00	7.22			
5	60-64	Current MRTP	23.00	4.71					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	141.00	28.89			19.95	8.00	5.67
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	260.00	48.51					
5	65-69	Current CC	85.00	15.86	12.00	11.76			
5	65-69	Current MRTP	16.00	2.99					
5	65-69	Current Dual	1.00	0.19					
5	65-69	Former	174.00	32.46			20.15	14.00	8.05
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	66.00	12.24	9.00	11.11			
5	70-74	Current MRTP	15.00	2.78					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	178.00	33.02			24.39	9.00	5.06

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	40.00	8.23	10.00	18.52			
5	75-79	Current MRTP	11.00	2.26					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	165.00	33.95			27.21	7.00	4.24

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	4869.00	53.45					
10	All Ages	Current CC	1338.00	14.69	168.00	7.81			
10	All Ages	Current MRTP	718.00	7.88					
10	All Ages	Current Dual	95.00	1.04					
10	All Ages	Former	2089.00	22.93			15.72	165.00	7.90

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	632.00	77.74					
10	20-24	Current CC	125.00	15.38	1.00	0.61			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	10.00	1.23					
10	20-24	Former	18.00	2.21			2.28	9.00	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	527.00	62.44					
10	25-29	Current CC	176.00	20.85	5.00	1.81			
10	25-29	Current MRTP	79.00	9.36					
10	25-29	Current Dual	21.00	2.49					
10	25-29	Former	41.00	4.86			4.85	11.00	26.83

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	423.00	50.90					
10	30-34	Current CC	142.00	17.09	15.00	6.17			
10	30-34	Current MRTP	81.00	9.75					
10	30-34	Current Dual	20.00	2.41					
10	30-34	Former	165.00	19.86			8.31	18.00	10.91

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	493.00	49.35					
10	35-39	Current CC	170.00	17.02	23.00	7.90			
10	35-39	Current MRTP	106.00	10.61					
10	35-39	Current Dual	15.00	1.50					
10	35-39	Former	215.00	21.52			10.36	22.00	10.23

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	540.00	48.13					
10	40-44	Current CC	179.00	15.95	16.00	5.42			
10	40-44	Current MRTP	106.00	9.45					
10	40-44	Current Dual	10.00	0.89					
10	40-44	Former	287.00	25.58			11.14	23.00	8.01

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	489.00	50.41					
10	45-49	Current CC	118.00	12.16	21.00	10.05			
10	45-49	Current MRTP	87.00	8.97					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	272.00	28.04			15.02	11.00	4.04

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 %

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10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	115.00	14.18	19.00	10.61			
10	50-54	Current MRTP	62.00	7.64					
10	50-54	Current Dual	2.00	0.25					
10	50-54	Former	210.00	25.89			14.75	14.00	6.67
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	95.00	15.30	11.00	8.03			
10	55-59	Current MRTP	39.00	6.28					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	183.00	29.47			17.64	13.00	7.10
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	66.00	12.34	9.00	8.04			
10	60-64	Current MRTP	45.00	8.41					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	171.00	31.96			17.65	9.00	5.26
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	52.00	10.66	10.00	11.36			
10	65-69	Current MRTP	31.00	6.35					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	150.00	30.74			22.43	8.00	5.33
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	260.00	48.51					
10	70-74	Current CC	52.00	9.70	14.00	17.07			
10	70-74	Current MRTP	29.00	5.41					
10	70-74	Current Dual	1.00	0.19					
10	70-74	Former	194.00	36.19			21.79	15.00	7.73
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	48.00	8.91	24.00	31.58			
10	75-79	Current MRTP	25.00	4.64					
10	75-79	Current Dual	3.00	0.56					
10	75-79	Former	183.00	33.95			26.17	12.00	6.56
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	4463.00	52.08					
15	All Ages	Current CC	997.00	11.63	207.00	10.73			
15	All Ages	Current MRTP	831.00	9.70					
15	All Ages	Current Dual	101.00	1.18					
15	All Ages	Former	2178.00	25.41			16.62	159.00	7.30
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	569.00	69.99					
15	25-29	Current CC	122.00	15.01	3.00	1.45			
15	25-29	Current MRTP	66.00	8.12					
15	25-29	Current Dual	19.00	2.34					
15	25-29	Former	37.00	4.55			3.97	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	482.00	57.11					

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15	30-34	Current CC	147.00	17.42	9.00	3.14			
15	30-34	Current MRTP	116.00	13.74					
15	30-34	Current Dual	24.00	2.84					
15	30-34	Former	75.00	8.89			6.12	14.00	18.67
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	409.00	49.22					
15	35-39	Current CC	107.00	12.88	21.00	9.46			
15	35-39	Current MRTP	101.00	12.15					
15	35-39	Current Dual	14.00	1.68					
15	35-39	Former	200.00	24.07			10.69	24.00	12.00
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	48.95					
15	40-44	Current CC	122.00	12.21	31.00	12.20			
15	40-44	Current MRTP	117.00	11.71					
15	40-44	Current Dual	15.00	1.50					
15	40-44	Former	256.00	25.63			12.57	23.00	8.98
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	540.00	48.13					
15	45-49	Current CC	129.00	11.50	20.00	8.03			
15	45-49	Current MRTP	114.00	10.16					
15	45-49	Current Dual	6.00	0.53					
15	45-49	Former	333.00	29.68			13.63	22.00	6.61
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	489.00	50.41					
15	50-54	Current CC	86.00	8.87	22.00	12.79			
15	50-54	Current MRTP	80.00	8.25					
15	50-54	Current Dual	6.00	0.62					
15	50-54	Former	309.00	31.86			17.14	14.00	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	84.00	10.36	22.00	13.66			
15	55-59	Current MRTP	73.00	9.00					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	228.00	28.11			17.55	14.00	6.14
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	68.00	10.95	19.00	15.83			
15	60-64	Current MRTP	49.00	7.89					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	200.00	32.21			19.99	8.00	4.00
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	57.00	10.65	21.00	20.39			
15	65-69	Current MRTP	41.00	7.66					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	180.00	33.64			20.49	10.00	5.56
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	39.00	7.99	17.00	22.08			
15	70-74	Current MRTP	36.00	7.38					
15	70-74	Current Dual	2.00	0.41					
15	70-74	Former	161.00	32.99			24.02	8.00	4.97
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	36.00	6.72	22.00	28.57			
15	75-79	Current MRTP	38.00	7.09					
15	75-79	Current Dual	3.00	0.56					
15	75-79	Former	199.00	37.13			24.38	8.00	4.02
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	4144.00	51.58					
20	All Ages	Current CC	761.00	9.47	231.00	13.85			

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20	All Ages	Current MRTP	821.00	10.22					
20	All Ages	Current Dual	86.00	1.07					
20	All Ages	Former	2222.00	27.66			17.85	146.00	6.57

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	536.00	65.93					
20	30-34	Current CC	110.00	13.53	4.00	1.90			
20	30-34	Current MRTP	86.00	10.58					
20	30-34	Current Dual	15.00	1.85					
20	30-34	Former	66.00	8.12			5.48	15.00	22.73

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	466.00	55.21					
20	35-39	Current CC	110.00	13.03	11.00	4.30			
20	35-39	Current MRTP	128.00	15.17					
20	35-39	Current Dual	18.00	2.13					
20	35-39	Former	122.00	14.45			7.27	22.00	18.03

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	399.00	48.01					
20	40-44	Current CC	83.00	9.99	24.00	11.76			
20	40-44	Current MRTP	106.00	12.76					
20	40-44	Current Dual	15.00	1.81					
20	40-44	Former	228.00	27.44			13.55	14.00	6.14

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	48.95					
20	45-49	Current CC	100.00	10.01	35.00	15.35			
20	45-49	Current MRTP	119.00	11.91					
20	45-49	Current Dual	9.00	0.90					
20	45-49	Former	282.00	28.23			15.37	10.00	3.55

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	540.00	48.13					
20	50-54	Current CC	105.00	9.36	35.00	16.13			
20	50-54	Current MRTP	105.00	9.36					
20	50-54	Current Dual	7.00	0.62					
20	50-54	Former	365.00	32.53			16.32	26.00	7.12

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	489.00	50.41					
20	55-59	Current CC	65.00	6.70	27.00	19.01			
20	55-59	Current MRTP	72.00	7.42					
20	55-59	Current Dual	5.00	0.52					
20	55-59	Former	339.00	34.95			19.47	18.00	5.31

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	64.00	7.89	26.00	18.71			
20	60-64	Current MRTP	71.00	8.75					

Results for PHIM for Run 6 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	4.00	0.49					
20	60-64	Former	250.00	30.83			19.77	14.00	5.60

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	55.00	8.86	23.00	20.18			
20	65-69	Current MRTP	56.00	9.02					
20	65-69	Current Dual	3.00	0.48					
20	65-69	Former	206.00	33.17			23.14	7.00	3.40

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	39.00	7.29	21.00	23.33			
20	70-74	Current MRTP	46.00	8.60					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	193.00	36.07			23.15	8.00	4.15

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	30.00	6.15	25.00	37.31			
20	75-79	Current MRTP	32.00	6.56					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	171.00	35.04			24.91	12.00	7.02

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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	59039.738	88.123	0.044	0.149	2826.86	839.248	837.997	1.251
1992	198532	60226.142	60006.052	220.090	0.111	0.365	2778.64	842.922	839.842	3.080
1993	202512	62332.320	61878.217	454.103	0.224	0.729	2793.47	859.818	853.554	6.264
1994	200658	62691.239	61994.367	696.872	0.347	1.112	2725.82	851.622	842.156	9.467
1995	201023	63132.954	62109.650	1023.305	0.509	1.621	2687.54	844.043	830.362	13.681
1996	201180	64309.880	63002.191	1307.689	0.650	2.033	2653.67	848.280	831.031	17.249
1997	198639	64547.894	62885.232	1662.662	0.837	2.576	2583.39	839.475	817.851	21.624
1998	197573	65384.866	63304.401	2080.465	1.053	3.182	2533.29	838.367	811.691	26.676
1999	211329	67554.762	64740.775	2813.987	1.332	4.165	2673.14	854.513	818.919	35.595
2000	208496	68184.366	64813.140	3371.227	1.617	4.944	2604.20	851.652	809.544	42.108
2001	203606	68286.060	64240.852	4045.208	1.987	5.924	2514.65	843.372	793.412	49.961
2002	200828	68983.996	64349.016	4634.980	2.308	6.719	2455.47	843.450	786.779	56.671
2003	196352	68717.830	63445.300	5272.531	2.685	7.673	2377.49	832.057	768.216	63.841
2004	188160	67344.952	61396.021	5948.931	3.162	8.834	2254.66	806.974	735.689	71.284
2005	186416	67846.650	61175.163	6671.487	3.579	9.833	2208.07	803.634	724.611	79.023
2006	180088	66622.465	59244.581	7377.884	4.097	11.074	2113.55	781.893	695.305	86.588
2007	175644	65977.201	58048.885	7928.316	4.514	12.017	2039.92	766.256	674.177	92.079
2008	177570	67121.344	58435.329	8686.014	4.892	12.941	2039.03	770.751	671.010	99.741
2009	172806	66622.993	57228.913	9394.080	5.436	14.100	1961.22	756.123	649.507	106.616

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	1228638.410	73677.95	1.889	5.657	2465.77	823.300	776.722	46.578

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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_17_Vary_parameter_combinations.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	31508.218	21.800	0.050	0.069	620.154	447.530	447.221	0.309
1992	45423	32811.446	32760.658	50.788	0.112	0.155	635.738	459.227	458.517	0.711
1993	46291	33467.735	33362.988	104.747	0.226	0.313	638.542	461.657	460.212	1.445
1994	47017	33989.389	33832.404	156.985	0.334	0.462	638.697	461.725	459.593	2.133
1995	47840	34566.580	34321.546	245.034	0.512	0.709	639.587	462.131	458.855	3.276
1996	48244	34997.958	34692.902	305.055	0.632	0.872	636.363	461.641	457.617	4.024
1997	49035	35549.658	35141.122	408.535	0.833	1.149	637.723	462.340	457.026	5.313
1998	49686	36138.033	35614.379	523.654	1.054	1.449	637.076	463.363	456.649	6.714
1999	48883	35506.142	34842.150	663.992	1.358	1.870	618.331	449.124	440.725	8.399
2000	50331	36573.306	35729.726	843.580	1.676	2.307	628.656	456.816	446.279	10.537
2001	50389	36733.445	35685.207	1048.238	2.080	2.854	622.333	453.679	440.733	12.946
2002	51445	37627.700	36365.793	1261.907	2.453	3.354	629.005	460.065	444.636	15.429
2003	51408	37552.784	36064.853	1487.931	2.894	3.962	622.464	454.701	436.685	18.016
2004	51399	37527.823	35767.849	1759.975	3.424	4.690	615.898	449.684	428.595	21.089
2005	51421	37486.186	35483.010	2003.176	3.896	5.344	609.074	444.018	420.291	23.727
2006	51355	37409.496	35084.116	2325.380	4.528	6.216	602.712	439.045	411.754	27.291
2007	51839	37602.867	34994.779	2608.089	5.031	6.936	602.056	436.718	406.428	30.290
2008	50976	36986.957	34198.803	2788.153	5.470	7.538	585.355	424.719	392.703	32.016
2009	51193	37201.944	34043.571	3158.373	6.170	8.490	581.003	422.215	386.370	35.845

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	690139.446	21765.39	2.220	3.057	619.890	450.053	436.293	13.760

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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 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	12626.318	36.661	0.038	0.290	1368.32	179.735	179.215	0.520
1992	93721	12337.995	12235.757	102.238	0.109	0.829	1311.71	172.682	171.251	1.431
1993	93679	12401.934	12191.757	210.177	0.224	1.695	1292.22	171.073	168.174	2.899
1994	90832	12128.576	11796.498	332.078	0.366	2.738	1233.90	164.759	160.248	4.511
1995	89698	11958.696	11489.787	468.909	0.523	3.921	1199.20	159.879	153.610	6.269
1996	88286	12020.749	11401.249	619.500	0.702	5.154	1164.54	158.560	150.388	8.172
1997	84777	11593.724	10831.349	762.374	0.899	6.576	1102.56	150.782	140.867	9.915
1998	82517	11337.035	10406.489	930.546	1.128	8.208	1058.04	145.364	133.432	11.931
1999	93939	13027.458	11697.489	1329.969	1.416	10.209	1188.25	164.787	147.964	16.823
2000	90039	12607.547	11090.718	1516.829	1.685	12.031	1124.63	157.474	138.528	18.946
2001	86119	12350.451	10564.533	1785.918	2.074	14.460	1063.62	152.535	130.478	22.057
2002	83014	12112.097	10126.315	1985.781	2.392	16.395	1014.99	148.092	123.812	24.280
2003	79302	11683.252	9514.709	2168.544	2.735	18.561	960.214	141.465	115.207	26.257
2004	73861	11139.095	8761.906	2377.189	3.218	21.341	885.053	133.476	104.991	28.485
2005	71649	10884.683	8318.776	2565.907	3.581	23.574	848.672	128.927	98.535	30.393
2006	67551	10397.565	7661.551	2736.013	4.050	26.314	792.791	122.028	89.917	32.110
2007	63503	9785.831	6965.514	2820.317	4.441	28.820	737.521	113.652	80.897	32.755
2008	63171	9922.524	6880.102	3042.423	4.816	30.662	725.389	113.940	79.004	34.936
2009	59747	9483.598	6359.687	3123.910	5.229	32.940	678.085	107.632	72.178	35.454

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	203567.266	28915.28	1.752	12.438	1043.56	146.971	128.691	18.280

****

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_17_Vary_parameter_combinations.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	3102.482	13.533	0.042	0.434	461.369	44.228	44.036	0.192
1992	32560	3095.448	3060.497	34.951	0.107	1.129	455.708	43.324	42.835	0.489
1993	32768	3114.516	3047.208	67.308	0.205	2.161	452.005	42.962	42.033	0.928
1994	33005	3168.398	3058.330	110.068	0.333	3.474	448.353	43.041	41.546	1.495
1995	33730	3200.274	3043.200	157.074	0.466	4.908	450.946	42.785	40.685	2.100
1996	33750	3234.738	3029.328	205.411	0.609	6.350	445.180	42.668	39.958	2.709
1997	33699	3240.665	2988.278	252.387	0.749	7.788	438.271	42.146	38.864	3.282
1998	33274	3171.578	2859.604	311.974	0.938	9.837	426.640	40.666	36.666	4.000
1999	33891	3153.786	2769.864	383.922	1.133	12.173	428.694	39.893	35.037	4.856
2000	33827	3237.043	2766.321	470.722	1.392	14.542	422.514	40.432	34.553	5.880
2001	32506	3110.972	2581.369	529.603	1.629	17.024	401.468	38.422	31.881	6.541
2002	32078	3123.298	2533.996	589.302	1.837	18.868	392.210	38.188	30.983	7.205
2003	30568	3025.984	2392.670	633.314	2.072	20.929	370.127	36.640	28.971	7.668
2004	29388	2983.453	2275.406	708.048	2.409	23.732	352.147	35.750	27.265	8.484
2005	27954	2926.679	2171.233	755.446	2.702	25.812	331.111	34.666	25.718	8.948
2006	27201	2889.308	2076.874	812.434	2.987	28.119	319.236	33.909	24.375	9.535
2007	26302	2810.025	1951.268	858.757	3.265	30.560	305.470	32.636	22.662	9.974
2008	25998	2773.025	1875.604	897.420	3.452	32.363	298.534	31.843	21.537	10.305
2009	25040	2723.293	1782.555	940.738	3.757	34.544	284.186	30.907	20.231	10.677

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	52559.331	8732.412	1.400	14.247	394.195	38.747	33.227	5.520

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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	11802.719	16.128	0.061	0.136	377.015	167.754	167.525	0.229
1992	26828	11981.252	11949.140	32.112	0.120	0.268	375.483	167.689	167.240	0.449
1993	29774	13348.134	13276.263	71.871	0.241	0.538	410.705	184.125	183.134	0.991
1994	29804	13404.876	13307.135	97.741	0.328	0.729	404.869	182.097	180.769	1.328
1995	29755	13407.404	13255.116	152.288	0.512	1.136	397.803	179.248	177.212	2.036
1996	30900	14056.435	13878.712	177.723	0.575	1.264	407.587	185.412	183.067	2.344
1997	31128	14163.848	13924.483	239.365	0.769	1.690	404.834	184.207	181.094	3.113
1998	32096	14738.220	14423.929	314.291	0.979	2.132	411.536	188.974	184.944	4.030
1999	34616	15867.376	15431.272	436.104	1.260	2.748	437.865	200.710	195.193	5.516
2000	34299	15766.470	15226.373	540.096	1.575	3.426	428.409	196.930	190.184	6.746
2001	34592	16091.193	15409.744	681.449	1.970	4.235	427.231	198.736	190.319	8.416
2002	34291	16120.902	15322.911	797.990	2.327	4.950	419.268	197.106	187.349	9.757
2003	35074	16455.810	15473.068	982.742	2.802	5.972	424.687	199.252	187.353	11.899
2004	33512	15694.580	14590.861	1103.719	3.294	7.032	401.564	188.063	174.838	13.226
2005	35392	16549.102	15202.145	1346.957	3.806	8.139	419.213	196.022	180.067	15.955
2006	33981	15926.096	14422.040	1504.057	4.426	9.444	398.807	186.912	169.260	17.652
2007	34000	15778.477	14137.324	1641.154	4.827	10.401	394.875	183.251	164.190	19.060
2008	37425	17438.838	15480.820	1958.018	5.232	11.228	429.749	200.249	177.765	22.484
2009	36826	17214.158	15043.098	2171.060	5.895	12.612	417.948	195.368	170.728	24.640

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	282372.367	14264.87	2.210	4.809	408.132	187.528	178.511	9.018

Results for PHIM for Run 7 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN4
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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: 7, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN4

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000

Results for PHIM for Run 7 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2039.00	22.22	136.00	5.02			
5	All Ages	Current MRTP	579.00	6.31					
5	All Ages	Current Dual	89.00	0.97					
5	All Ages	Former	2570.00	28.00			15.77	123.00	4.79

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	2.00	0.59					
5	18-19	Former	3.00	0.88			0.67	3.00	100.00

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

Results for PHIM for Run 7 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	214.00	23.39	1.00	0.38			
5	20-24	Current MRTP	36.00	3.93					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	24.00	2.62			3.25	7.00	29.17
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	527.00	55.01					
5	25-29	Current CC	233.00	24.32	6.00	1.88			
5	25-29	Current MRTP	69.00	7.20					
5	25-29	Current Dual	17.00	1.77					
5	25-29	Former	112.00	11.69			5.22	10.00	8.93
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	487.00	45.34					
5	30-34	Current CC	304.00	28.31	14.00	3.43			
5	30-34	Current MRTP	94.00	8.75					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	179.00	16.67			7.01	12.00	6.70
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	474.00	43.77					
5	35-39	Current CC	269.00	24.84	12.00	3.39			
5	35-39	Current MRTP	74.00	6.83					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	255.00	23.55			7.81	13.00	5.10
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	402.00	41.32					
5	40-44	Current CC	215.00	22.10	11.00	3.90			
5	40-44	Current MRTP	63.00	6.47					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	289.00	29.70			11.56	21.00	7.27
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	189.00	22.00	14.00	5.43			
5	45-49	Current MRTP	62.00	7.22					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	293.00	34.11			13.99	13.00	4.44
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	155.00	24.60	14.00	6.90			
5	50-54	Current MRTP	43.00	6.83					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	235.00	37.30			17.34	10.00	4.26
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	117.00	22.33	10.00	6.37			
5	55-59	Current MRTP	36.00	6.87					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	212.00	40.46			17.67	7.00	3.30
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	92.00	17.86	15.00	12.50			
5	60-64	Current MRTP	23.00	4.47					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	254.00	49.32			18.38	12.00	4.72
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	96.00	19.20	12.00	9.38			
5	65-69	Current MRTP	28.00	5.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	252.00	50.40			22.50	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 7 (APPENDIX_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	61.00	13.62	16.00	17.58			
5	70-74	Current MRTP	25.00	5.58					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	251.00	56.03			23.33	4.00	1.59

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	56.00	15.60	11.00	13.75			
5	75-79	Current MRTP	21.00	5.85					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	211.00	58.77			24.41	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	4083.00	43.55					
10	All Ages	Current CC	1649.00	17.59	226.00	8.21			
10	All Ages	Current MRTP	995.00	10.61					
10	All Ages	Current Dual	108.00	1.15					
10	All Ages	Former	2540.00	27.09			17.71	129.00	5.08

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	679.00	75.78					
10	20-24	Current CC	153.00	17.08	2.00	0.98			
10	20-24	Current MRTP	39.00	4.35					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	13.00	1.45			2.77	6.00	46.15

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	195.00	21.31	1.00	0.32			
10	25-29	Current MRTP	90.00	9.84					
10	25-29	Current Dual	26.00	2.84					
10	25-29	Former	51.00	5.57			4.88	12.00	23.53

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	483.00	50.42					
10	30-34	Current CC	186.00	19.42	13.00	3.93			
10	30-34	Current MRTP	125.00	13.05					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	144.00	15.03			7.97	19.00	13.19

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	474.00	44.13					
10	35-39	Current CC	237.00	22.07	19.00	4.96			
10	35-39	Current MRTP	133.00	12.38					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	217.00	20.20			9.80	19.00	8.76

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	470.00	43.40					
10	40-44	Current CC	202.00	18.65	26.00	7.81			
10	40-44	Current MRTP	127.00	11.73					
10	40-44	Current Dual	4.00	0.37					
10	40-44	Former	280.00	25.85			11.28	16.00	5.71

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	402.00	41.32					
10	45-49	Current CC	168.00	17.27	22.00	8.24			
10	45-49	Current MRTP	94.00	9.66					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	304.00	31.24			15.29	12.00	3.95

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	118.00	13.74	28.00	11.67			
10	50-54	Current MRTP	111.00	12.92					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	311.00	36.20			16.99	15.00	4.82
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	117.00	18.57	22.00	11.46			
10	55-59	Current MRTP	74.00	11.75					
10	55-59	Current Dual	1.00	0.16					
10	55-59	Former	246.00	39.05			20.63	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	87.00	16.60	16.00	11.11			
10	60-64	Current MRTP	53.00	10.11					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	225.00	42.94			20.57	7.00	3.11
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	69.00	13.40	23.00	18.85			
10	65-69	Current MRTP	49.00	9.51					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	252.00	48.93			22.10	3.00	1.19
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	29.00	21.64			
10	70-74	Current MRTP	55.00	11.00					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	246.00	49.20			25.73	10.00	4.07
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	42.00	9.38	25.00	27.47			
10	75-79	Current MRTP	45.00	10.04					
10	75-79	Current Dual	4.00	0.89					
10	75-79	Former	251.00	56.03			26.85	4.00	1.59
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	3856.00	43.19					
15	All Ages	Current CC	1264.00	14.16	304.00	11.45			
15	All Ages	Current MRTP	1270.00	14.23					
15	All Ages	Current Dual	122.00	1.37					
15	All Ages	Former	2415.00	27.05			19.48	124.00	5.13
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	608.00	67.86					
15	25-29	Current CC	149.00	16.63	1.00	0.39			
15	25-29	Current MRTP	85.00	9.49					
15	25-29	Current Dual	20.00	2.23					
15	25-29	Former	34.00	3.79			3.94	9.00	26.47
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	520.00	56.83					

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15	30-34	Current CC	155.00	16.94	4.00	1.26			
15	30-34	Current MRTP	138.00	15.08					
15	30-34	Current Dual	25.00	2.73					
15	30-34	Former	77.00	8.42			6.53	18.00	23.38
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	468.00	48.85					
15	35-39	Current CC	143.00	14.93	19.00	5.76			
15	35-39	Current MRTP	163.00	17.01					
15	35-39	Current Dual	24.00	2.51					
15	35-39	Former	160.00	16.70			11.28	10.00	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	472.00	43.95					
15	40-44	Current CC	171.00	15.92	28.00	7.63			
15	40-44	Current MRTP	180.00	16.76					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	235.00	21.88			13.21	11.00	4.68
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	470.00	43.40					
15	45-49	Current CC	158.00	14.59	37.00	11.67			
15	45-49	Current MRTP	151.00	13.94					
15	45-49	Current Dual	8.00	0.74					
15	45-49	Former	296.00	27.33			14.92	16.00	5.41
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	402.00	41.32					
15	50-54	Current CC	123.00	12.64	30.00	11.58			
15	50-54	Current MRTP	129.00	13.26					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	312.00	32.07			19.01	14.00	4.49
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	90.00	10.48	39.00	17.57			
15	55-59	Current MRTP	128.00	14.90					
15	55-59	Current Dual	4.00	0.47					
15	55-59	Former	329.00	38.30			20.08	15.00	4.56
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	88.00	13.97	35.00	18.92			
15	60-64	Current MRTP	97.00	15.40					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	253.00	40.16			23.53	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	68.00	12.98	24.00	17.65			
15	65-69	Current MRTP	62.00	11.83					
15	65-69	Current Dual	6.00	1.15					
15	65-69	Former	233.00	44.47			23.00	6.00	2.58
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	56.00	10.87	36.00	29.51			
15	70-74	Current MRTP	60.00	11.65					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	252.00	48.93			25.53	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	63.00	12.60	51.00	34.93			
15	75-79	Current MRTP	77.00	15.40					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	234.00	46.80			29.12	9.00	3.85
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	3676.00	43.62					
20	All Ages	Current CC	934.00	11.08	370.00	14.84			

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20	All Ages	Current MRTP	1450.00	17.21					
20	All Ages	Current Dual	110.00	1.31					
20	All Ages	Former	2257.00	26.78			21.24	107.00	4.74

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	575.00	64.17					
20	30-34	Current CC	122.00	13.62	4.00	1.48			
20	30-34	Current MRTP	127.00	14.17					
20	30-34	Current Dual	21.00	2.34					
20	30-34	Former	51.00	5.69			6.35	9.00	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	502.00	54.86					
20	35-39	Current CC	124.00	13.55	10.00	3.13			
20	35-39	Current MRTP	176.00	19.23					
20	35-39	Current Dual	19.00	2.08					
20	35-39	Former	94.00	10.27			8.94	13.00	13.83

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	459.00	47.91					
20	40-44	Current CC	111.00	11.59	28.00	8.54			
20	40-44	Current MRTP	197.00	20.56					
20	40-44	Current Dual	20.00	2.09					
20	40-44	Former	171.00	17.85			14.41	8.00	4.68

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	472.00	43.95					
20	45-49	Current CC	138.00	12.85	41.00	11.42			
20	45-49	Current MRTP	211.00	19.65					
20	45-49	Current Dual	10.00	0.93					
20	45-49	Former	243.00	22.63			16.75	12.00	4.94

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	470.00	43.40					
20	50-54	Current CC	108.00	9.97	50.00	16.13			
20	50-54	Current MRTP	198.00	18.28					
20	50-54	Current Dual	4.00	0.37					
20	50-54	Former	303.00	27.98			18.42	12.00	3.96

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	402.00	41.32					
20	55-59	Current CC	101.00	10.38	46.00	18.70			
20	55-59	Current MRTP	138.00	14.18					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	325.00	33.40			22.08	15.00	4.62

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	70.00	8.15	59.00	26.94			
20	60-64	Current MRTP	141.00	16.41					

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20	60-64	Current Dual	8.00	0.93					
20	60-64	Former	332.00	38.65			23.44	11.00	3.31

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	69.00	10.95	49.00	26.06			
20	65-69	Current MRTP	114.00	18.10					
20	65-69	Current Dual	5.00	0.79					
20	65-69	Former	250.00	39.68			26.38	7.00	2.80

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	48.00	9.16	36.00	27.27			
20	70-74	Current MRTP	77.00	14.69					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	237.00	45.23			25.76	12.00	5.06

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	43.00	8.35	47.00	38.21			
20	75-79	Current MRTP	71.00	13.79					
20	75-79	Current Dual	9.00	1.75					
20	75-79	Former	251.00	48.74			27.86	8.00	3.19

****

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	123916.417	216.166	0.069	0.174	4845.61	1920.39	1917.04	3.344
1992	308577	122143.718	121545.841	597.878	0.194	0.489	4692.62	1857.47	1848.38	9.092
1993	311713	123269.216	122110.832	1158.385	0.372	0.940	4656.77	1841.55	1824.25	17.305
1994	305700	120480.723	118737.756	1742.968	0.570	1.447	4482.57	1766.64	1741.09	25.558
1995	303225	118666.569	116180.746	2485.822	0.820	2.095	4361.58	1706.89	1671.14	35.756
1996	299559	116607.195	113440.226	3166.968	1.057	2.716	4242.85	1651.58	1606.73	44.856
1997	294226	114665.051	110834.763	3830.288	1.302	3.340	4100.64	1598.09	1544.71	53.383
1998	289258	113038.380	108372.103	4666.277	1.613	4.128	3966.28	1549.97	1485.99	63.983
1999	311002	117067.463	110881.864	6185.598	1.989	5.284	4198.14	1580.27	1496.77	83.498
2000	303786	114977.407	107928.396	7049.011	2.320	6.131	4041.13	1529.49	1435.72	93.770
2001	296294	113047.319	105241.627	7805.692	2.634	6.905	3890.54	1484.39	1381.89	102.494
2002	291898	111744.742	103057.739	8687.003	2.976	7.774	3789.34	1450.64	1337.87	112.772
2003	285865	110551.854	100795.053	9756.801	3.413	8.826	3671.31	1419.80	1294.49	125.305
2004	274177	107418.262	97067.113	10351.15	3.775	9.636	3481.92	1364.16	1232.71	131.455
2005	272379	107678.770	96374.952	11303.82	4.150	10.498	3417.44	1351.01	1209.18	141.825
2006	264118	104357.806	92347.448	12010.36	4.547	11.509	3281.83	1296.71	1147.47	149.236
2007	258419	102690.449	90036.177	12654.27	4.897	12.323	3176.05	1262.10	1106.57	155.525
2008	259461	103492.166	89676.371	13815.80	5.325	13.350	3150.91	1256.82	1089.04	167.780
2009	253907	101384.044	86813.595	14570.45	5.738	14.372	3045.20	1215.94	1041.19	174.749

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	2141188.981	132054.7	2.271	5.809	3927.78	1535.76	1446.54	89.214

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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_17_Vary_parameter_combinations.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	63034.476	34.310	0.044	0.054	1213.84	975.702	975.171	0.531
1992	77987	62535.347	62439.962	95.385	0.122	0.153	1185.97	950.993	949.543	1.451
1993	78542	62883.111	62699.647	183.465	0.234	0.292	1173.36	939.428	936.687	2.741
1994	77437	61805.804	61520.579	285.225	0.368	0.461	1135.48	906.276	902.094	4.182
1995	76904	61145.799	60733.342	412.458	0.536	0.675	1106.18	879.519	873.586	5.933
1996	76232	60385.323	59849.017	536.306	0.704	0.888	1079.72	855.277	847.681	7.596
1997	75473	59549.806	58902.582	647.224	0.858	1.087	1051.87	829.947	820.927	9.020
1998	75381	59292.315	58436.932	855.383	1.135	1.443	1033.62	813.010	801.281	11.729
1999	73159	57398.351	56369.754	1028.598	1.406	1.792	987.557	774.807	760.922	13.885
2000	73784	57716.549	56447.973	1268.576	1.719	2.198	981.515	767.777	750.902	16.875
2001	73294	57211.877	55755.379	1456.498	1.987	2.546	962.399	751.230	732.105	19.125
2002	72442	56438.810	54789.237	1649.573	2.277	2.923	940.422	732.673	711.259	21.414
2003	71942	55948.341	54035.224	1913.117	2.659	3.419	923.937	718.533	693.964	24.570
2004	71301	55339.218	53199.155	2140.064	3.001	3.867	905.490	702.783	675.605	27.178
2005	70964	54964.459	52606.411	2358.048	3.323	4.290	890.360	689.620	660.034	29.586
2006	69658	53781.526	51217.887	2563.640	3.680	4.767	865.543	668.268	636.414	31.855
2007	68565	52784.985	50015.076	2769.909	4.040	5.248	842.687	648.745	614.702	34.043
2008	68226	52470.692	49347.660	3123.032	4.577	5.952	828.542	637.208	599.282	37.926
2009	67509	51823.021	48409.623	3413.398	5.056	6.587	809.661	621.533	580.595	40.938

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	1476084	1159988.529	1133254.321	26734.21	1.811	2.305	997.213	783.665	765.604	18.061

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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	36924.202	143.182	0.085	0.386	2599.72	573.449	571.234	2.215
1992	164548	35863.851	35467.908	395.943	0.241	1.104	2502.33	545.392	539.371	6.021
1993	164362	35459.800	34695.884	763.916	0.465	2.154	2455.45	529.744	518.331	11.412
1994	159866	34293.631	33167.059	1126.572	0.705	3.285	2344.16	502.857	486.338	16.519
1995	158083	33531.695	31936.311	1595.383	1.009	4.758	2273.86	482.318	459.371	22.948
1996	154875	32438.163	30421.955	2016.208	1.302	6.216	2193.60	459.443	430.886	28.557
1997	149970	31179.663	28748.895	2430.768	1.621	7.796	2090.14	434.552	400.674	33.878
1998	145407	29860.736	26994.928	2865.808	1.971	9.597	1993.81	409.447	370.152	39.296
1999	165952	34413.904	30440.478	3973.427	2.394	11.546	2240.15	464.545	410.909	53.636
2000	160260	33265.290	28847.444	4417.846	2.757	13.281	2131.87	442.513	383.744	58.769
2001	154444	32074.102	27236.215	4837.887	3.132	15.083	2027.95	421.154	357.630	63.525
2002	151887	31817.956	26464.112	5353.845	3.525	16.826	1971.76	413.052	343.550	69.502
2003	146733	31025.931	25111.242	5914.689	4.031	19.064	1884.46	398.460	322.499	75.961
2004	138381	29503.602	23338.721	6164.881	4.455	20.895	1757.38	374.682	296.391	78.291
2005	135881	29077.894	22421.263	6656.631	4.899	22.892	1704.85	364.830	281.312	83.518
2006	131922	28385.448	21322.291	7063.157	5.354	24.883	1639.21	352.707	264.943	87.764
2007	126502	27327.625	20041.946	7285.680	5.759	26.660	1554.75	335.866	246.322	89.543
2008	125859	27025.472	19298.563	7726.909	6.139	28.591	1528.44	328.199	234.363	93.836
2009	122428	26361.626	18354.268	8007.358	6.540	30.375	1468.33	316.165	220.130	96.035

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	559616.584	78740.09	2.627	12.335	2024.64	431.261	378.066	53.195

****

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_17_Vary_parameter_combinations.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	4467.376	20.607	0.063	0.459	504.630	69.431	69.112	0.319
1992	32100	4371.196	4316.121	55.075	0.172	1.260	488.154	66.474	65.636	0.838
1993	32896	4414.136	4301.284	112.852	0.343	2.557	491.442	65.944	64.258	1.686
1994	33323	4474.895	4299.023	175.873	0.528	3.930	488.625	65.617	63.038	2.579
1995	33569	4476.290	4221.527	254.763	0.759	5.691	482.855	64.387	60.722	3.665
1996	33870	4489.078	4162.228	326.850	0.965	7.281	479.723	63.582	58.952	4.629
1997	33516	4444.866	4039.946	404.921	1.208	9.110	467.113	61.948	56.305	5.643
1998	32795	4313.427	3845.535	467.892	1.427	10.847	449.682	59.145	52.730	6.416
1999	33375	4232.739	3689.336	543.403	1.628	12.838	450.521	57.137	49.802	7.335
2000	33459	4307.577	3692.286	615.291	1.839	14.284	445.090	57.302	49.117	8.185
2001	32275	4136.308	3479.213	657.096	2.036	15.886	423.792	54.312	45.684	8.628
2002	31586	4079.175	3363.025	716.150	2.267	17.556	410.041	52.955	43.658	9.297
2003	30985	4096.221	3274.002	822.219	2.654	20.073	397.934	52.607	42.047	10.560
2004	29884	4034.217	3156.565	877.652	2.937	21.755	379.513	51.233	40.087	11.146
2005	28708	3944.303	3002.474	941.829	3.281	23.878	360.189	49.488	37.671	11.817
2006	28188	3970.169	2938.806	1031.363	3.659	25.978	350.253	49.332	36.516	12.815
2007	28026	3957.558	2861.473	1096.085	3.911	27.696	344.449	48.640	35.168	13.471
2008	27128	3812.302	2693.391	1118.911	4.125	29.350	329.444	46.297	32.709	13.588
2009	27068	3827.467	2628.017	1199.450	4.431	31.338	324.637	45.904	31.519	14.385

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	73019.223	11438.28	1.821	13.543	424.421	57.058	49.330	7.727

****

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	19490.364	18.067	0.053	0.093	527.418	301.804	301.525	0.280
1992	33942	19373.324	19321.850	51.474	0.152	0.266	516.166	294.616	293.833	0.783
1993	35913	20512.169	20414.017	98.152	0.273	0.479	536.514	306.437	304.971	1.466
1994	35074	19906.392	19751.095	155.298	0.443	0.780	514.300	291.893	289.616	2.277
1995	34669	19512.784	19289.567	223.218	0.644	1.144	498.677	280.671	277.460	3.211
1996	34582	19294.631	19007.026	287.604	0.832	1.491	489.808	273.283	269.209	4.074
1997	35267	19490.717	19143.341	347.376	0.985	1.782	491.517	271.643	266.801	4.841
1998	35675	19571.902	19094.708	477.194	1.338	2.438	489.172	268.368	261.825	6.543
1999	38516	21022.469	20382.297	640.171	1.662	3.045	519.919	283.777	275.136	8.642
2000	36283	19687.992	18940.694	747.298	2.060	3.796	482.656	261.900	251.959	9.941
2001	36281	19625.032	18770.820	854.211	2.354	4.353	476.394	257.690	246.473	11.216
2002	35983	19408.801	18441.366	967.435	2.689	4.985	467.122	251.960	239.401	12.559
2003	36205	19481.360	18374.584	1106.776	3.057	5.681	464.974	250.195	235.981	14.214
2004	34611	18541.224	17372.673	1168.552	3.376	6.302	439.544	235.465	220.625	14.840
2005	36826	19692.114	18344.804	1347.310	3.659	6.842	462.043	247.070	230.166	16.904
2006	34350	18220.663	16868.464	1352.199	3.937	7.421	426.820	226.403	209.601	16.802
2007	35326	18620.282	17117.682	1502.600	4.254	8.070	434.168	228.849	210.382	18.467
2008	38248	20183.701	18336.757	1846.944	4.829	9.151	464.487	245.112	222.683	22.429
2009	36902	19371.930	17421.687	1950.243	5.285	10.067	442.580	232.335	208.945	23.390

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	375298.854	15142.12	2.125	3.878	481.512	263.774	253.544	10.230

Results for PHIM for Run 8 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN4
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_17_Vary_parameter_combinations
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

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 8 (APPENDIX_17_Vary_parameter_combinations.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		RUN4

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000

Results for PHIM for Run 8 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1684.00	18.55	117.00	5.22			
5	All Ages	Current MRTP	490.00	5.40					
5	All Ages	Current Dual	67.00	0.74					
5	All Ages	Former	1957.00	21.55			15.03	94.00	4.80

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 8 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	208.00	24.64	3.00	1.18			
5	20-24	Current MRTP	37.00	4.38					
5	20-24	Current Dual	9.00	1.07					
5	20-24	Former	15.00	1.78			3.93	4.00	26.67
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	457.00	54.99					
5	25-29	Current CC	172.00	20.70	10.00	4.05			
5	25-29	Current MRTP	61.00	7.34					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	127.00	15.28			5.67	9.00	7.09
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	516.00	51.65					
5	30-34	Current CC	229.00	22.92	12.00	3.95			
5	30-34	Current MRTP	67.00	6.71					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	179.00	17.92			7.87	10.00	5.59
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	550.00	49.02					
5	35-39	Current CC	246.00	21.93	8.00	2.42			
5	35-39	Current MRTP	78.00	6.95					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	241.00	21.48			8.45	12.00	4.98
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	489.00	50.41					
5	40-44	Current CC	165.00	17.01	8.00	3.48			
5	40-44	Current MRTP	60.00	6.19					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	251.00	25.88			11.65	10.00	3.98
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	146.00	18.00	12.00	6.06			
5	45-49	Current MRTP	45.00	5.55					
5	45-49	Current Dual	7.00	0.86					
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	126.00	20.29	9.00	5.66			
5	50-54	Current MRTP	31.00	4.99					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	161.00	25.93			15.70	11.00	6.83
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	99.00	18.50	8.00	5.97			
5	55-59	Current MRTP	32.00	5.98					
5	55-59	Current Dual	3.00	0.56					
5	55-59	Former	149.00	27.85			15.58	6.00	4.03
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	72.00	14.75	7.00	7.07			
5	60-64	Current MRTP	25.00	5.12					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	139.00	28.48			20.22	7.00	5.04
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	85.00	15.86	13.00	12.38			
5	65-69	Current MRTP	18.00	3.36					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	171.00	31.90			20.50	11.00	6.43
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	66.00	12.24	14.00	16.28			
5	70-74	Current MRTP	17.00	3.15					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	173.00	32.10			25.09	4.00	2.31

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	40.00	8.23	13.00	22.03			
5	75-79	Current MRTP	15.00	3.09					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.03	2.00	1.25

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	4869.00	53.45					
10	All Ages	Current CC	1337.00	14.68	189.00	8.15			
10	All Ages	Current MRTP	871.00	9.56					
10	All Ages	Current Dual	111.00	1.22					
10	All Ages	Former	1921.00	21.09			16.87	97.00	5.05

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	632.00	77.74					
10	20-24	Current CC	125.00	15.38	1.00	0.60			
10	20-24	Current MRTP	30.00	3.69					
10	20-24	Current Dual	11.00	1.35					
10	20-24	Former	15.00	1.85			2.53	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	527.00	62.44					
10	25-29	Current CC	176.00	20.85	5.00	1.74			
10	25-29	Current MRTP	89.00	10.55					
10	25-29	Current Dual	22.00	2.61					
10	25-29	Former	30.00	3.55			5.63	6.00	20.00

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	423.00	50.90					
10	30-34	Current CC	142.00	17.09	15.00	5.68			
10	30-34	Current MRTP	98.00	11.79					
10	30-34	Current Dual	24.00	2.89					
10	30-34	Former	144.00	17.33			9.24	8.00	5.56

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	493.00	49.35					
10	35-39	Current CC	169.00	16.92	24.00	7.69			
10	35-39	Current MRTP	127.00	12.71					
10	35-39	Current Dual	16.00	1.60					
10	35-39	Former	194.00	19.42			11.21	14.00	7.22

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	540.00	48.13					
10	40-44	Current CC	180.00	16.04	19.00	5.83			
10	40-44	Current MRTP	134.00	11.94					
10	40-44	Current Dual	12.00	1.07					
10	40-44	Former	256.00	22.82			12.12	11.00	4.30

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	489.00	50.41					
10	45-49	Current CC	117.00	12.06	22.00	9.87			
10	45-49	Current MRTP	100.00	10.31					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	258.00	26.60			15.66	8.00	3.10

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	115.00	14.18	23.00	11.79			
10	50-54	Current MRTP	77.00	9.49					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	194.00	23.92			15.70	8.00	4.12
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	95.00	15.30	13.00	8.67			
10	55-59	Current MRTP	51.00	8.21					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	170.00	27.38			18.83	7.00	4.12
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	66.00	12.34	11.00	8.94			
10	60-64	Current MRTP	55.00	10.28					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	160.00	29.91			18.75	2.00	1.25
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	52.00	10.66	11.00	11.83			
10	65-69	Current MRTP	36.00	7.38					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	145.00	29.71			23.04	8.00	5.52
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	52.00	9.70	15.00	16.48			
10	70-74	Current MRTP	37.00	6.90					
10	70-74	Current Dual	2.00	0.37					
10	70-74	Former	185.00	34.51			22.75	10.00	5.41
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	48.00	8.91	30.00	33.71			
10	75-79	Current MRTP	37.00	6.86					
10	75-79	Current Dual	4.00	0.74					
10	75-79	Former	170.00	31.54			27.94	9.00	5.29
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	4463.00	52.08					
15	All Ages	Current CC	998.00	11.65	230.00	10.37			
15	All Ages	Current MRTP	1098.00	12.81					
15	All Ages	Current Dual	121.00	1.41					
15	All Ages	Former	1890.00	22.05			18.41	101.00	5.34
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	569.00	69.99					
15	25-29	Current CC	122.00	15.01	2.00	0.93			
15	25-29	Current MRTP	74.00	9.10					
15	25-29	Current Dual	19.00	2.34					
15	25-29	Former	29.00	3.57			4.28	11.00	37.93
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	482.00	57.11					

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15	30-34	Current CC	146.00	17.30	6.00	1.95			
15	30-34	Current MRTP	135.00	16.00					
15	30-34	Current Dual	26.00	3.08					
15	30-34	Former	55.00	6.52			6.62	9.00	16.36
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	409.00	49.22					
15	35-39	Current CC	109.00	13.12	20.00	7.78			
15	35-39	Current MRTP	129.00	15.52					
15	35-39	Current Dual	19.00	2.29					
15	35-39	Former	165.00	19.86			12.01	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	489.00	48.95					
15	40-44	Current CC	123.00	12.31	36.00	12.20			
15	40-44	Current MRTP	156.00	15.62					
15	40-44	Current Dual	16.00	1.60					
15	40-44	Former	215.00	21.52			14.04	14.00	6.51
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	540.00	48.13					
15	45-49	Current CC	129.00	11.50	24.00	7.89			
15	45-49	Current MRTP	164.00	14.62					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	278.00	24.78			15.27	13.00	4.68
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	489.00	50.41					
15	50-54	Current CC	86.00	8.87	28.00	13.40			
15	50-54	Current MRTP	114.00	11.75					
15	50-54	Current Dual	9.00	0.93					
15	50-54	Former	272.00	28.04			18.89	7.00	2.57
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	84.00	10.36	28.00	14.89			
15	55-59	Current MRTP	100.00	12.33					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	201.00	24.78			19.13	8.00	3.98
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	68.00	10.95	20.00	14.29			
15	60-64	Current MRTP	67.00	10.79					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	180.00	28.99			21.58	8.00	4.44
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	56.00	10.47	22.00	18.18			
15	65-69	Current MRTP	60.00	11.21					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	162.00	30.28			22.28	5.00	3.09
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	41.00	8.40	19.00	21.35			
15	70-74	Current MRTP	45.00	9.22					
15	70-74	Current Dual	3.00	0.61					
15	70-74	Former	149.00	30.53			25.60	4.00	2.68
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	34.00	6.34	25.00	27.17			
15	75-79	Current MRTP	54.00	10.07					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	184.00	34.33			25.96	8.00	4.35
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	4144.00	51.58					
20	All Ages	Current CC	766.00	9.53	255.00	12.28			

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20	All Ages	Current MRTP	1207.00	15.02					
20	All Ages	Current Dual	104.00	1.29					
20	All Ages	Former	1813.00	22.57			20.33	85.00	4.69

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	536.00	65.93					
20	30-34	Current CC	111.00	13.65	3.00	1.28			
20	30-34	Current MRTP	105.00	12.92					
20	30-34	Current Dual	18.00	2.21					
20	30-34	Former	43.00	5.29			6.65	6.00	13.95

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	466.00	55.21					
20	35-39	Current CC	109.00	12.91	8.00	2.65			
20	35-39	Current MRTP	174.00	20.62					
20	35-39	Current Dual	19.00	2.25					
20	35-39	Former	76.00	9.00			8.63	8.00	10.53

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	399.00	48.01					
20	40-44	Current CC	86.00	10.35	21.00	8.30			
20	40-44	Current MRTP	149.00	17.93					
20	40-44	Current Dual	18.00	2.17					
20	40-44	Former	179.00	21.54			15.27	10.00	5.59

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	48.95					
20	45-49	Current CC	101.00	10.11	41.00	14.29			
20	45-49	Current MRTP	174.00	17.42					
20	45-49	Current Dual	12.00	1.20					
20	45-49	Former	223.00	22.32			17.41	6.00	2.69

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	540.00	48.13					
20	50-54	Current CC	105.00	9.36	33.00	11.58			
20	50-54	Current MRTP	173.00	15.42					
20	50-54	Current Dual	7.00	0.62					
20	50-54	Former	297.00	26.47			18.24	15.00	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	489.00	50.41					
20	55-59	Current CC	65.00	6.70	35.00	17.68			
20	55-59	Current MRTP	125.00	12.89					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	283.00	29.18			21.99	7.00	2.47

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	63.00	7.77	33.00	18.75			
20	60-64	Current MRTP	109.00	13.44					

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20	60-64	Current Dual	4.00	0.49					
20	60-64	Former	213.00	26.26			21.85	14.00	6.57

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	56.00	9.02	27.00	19.01			
20	65-69	Current MRTP	81.00	13.04					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	178.00	28.66			25.49	4.00	2.25

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	28.00	24.14			
20	70-74	Current MRTP	67.00	12.52					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	167.00	31.21			25.72	4.00	2.40

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	29.00	5.94	26.00	30.95			
20	75-79	Current MRTP	50.00	10.25					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	154.00	31.56			27.07	11.00	7.14

****

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	59039.738	88.123	0.044	0.149	2826.86	839.248	837.997	1.251
1992	198532	60226.142	60006.504	219.638	0.111	0.365	2778.64	842.922	839.848	3.074
1993	202512	62332.320	61882.999	449.321	0.222	0.721	2793.47	859.818	853.620	6.198
1994	200658	62691.239	62009.588	681.651	0.340	1.087	2725.82	851.622	842.362	9.260
1995	201023	63132.954	62139.083	993.871	0.494	1.574	2687.54	844.043	830.756	13.287
1996	201180	64309.880	63048.109	1261.771	0.627	1.962	2653.67	848.280	831.637	16.643
1997	198639	64547.894	62947.070	1600.823	0.806	2.480	2583.39	839.475	818.656	20.819
1998	197573	65384.866	63386.630	1998.236	1.011	3.056	2533.29	838.367	812.745	25.621
1999	211329	67554.762	64826.523	2728.238	1.291	4.039	2673.14	854.513	820.003	34.510
2000	208496	68184.366	64918.827	3265.539	1.566	4.789	2604.20	851.652	810.864	40.788
2001	203606	68286.060	64380.134	3905.927	1.918	5.720	2514.65	843.372	795.132	48.240
2002	200828	68983.996	64519.602	4464.394	2.223	6.472	2455.47	843.450	788.865	54.585
2003	196352	68717.830	63639.543	5078.288	2.586	7.390	2377.49	832.057	770.568	61.490
2004	188160	67344.952	61607.228	5737.724	3.049	8.520	2254.66	806.974	738.220	68.753
2005	186416	67846.650	61411.581	6435.070	3.452	9.485	2208.07	803.634	727.411	76.222
2006	180088	66622.465	59528.052	7094.413	3.939	10.649	2113.55	781.893	698.632	83.261
2007	175644	65977.201	58366.811	7610.390	4.333	11.535	2039.92	766.256	677.870	88.387
2008	177570	67121.344	58835.823	8285.521	4.666	12.344	2039.03	770.751	675.609	95.142
2009	172806	66622.993	57683.095	8939.897	5.173	13.419	1961.22	756.123	654.661	101.461

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	1231477.531	70838.83	1.816	5.439	2465.77	823.300	778.517	44.783

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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_17_Vary_parameter_combinations.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	31508.218	21.800	0.050	0.069	620.154	447.530	447.221	0.309
1992	45423	32811.446	32760.700	50.746	0.112	0.155	635.738	459.227	458.517	0.710
1993	46291	33467.735	33363.910	103.825	0.224	0.310	638.542	461.657	460.225	1.432
1994	47017	33989.389	33836.633	152.756	0.325	0.449	638.697	461.725	459.650	2.075
1995	47840	34566.580	34329.999	236.581	0.495	0.684	639.587	462.131	458.968	3.163
1996	48244	34997.958	34706.035	291.922	0.605	0.834	636.363	461.641	457.790	3.851
1997	49035	35549.658	35159.272	390.385	0.796	1.098	637.723	462.340	457.262	5.077
1998	49686	36138.033	35638.655	499.378	1.005	1.382	637.076	463.363	456.960	6.403
1999	48883	35506.142	34865.305	640.837	1.311	1.805	618.331	449.124	441.018	8.106
2000	50331	36573.306	35759.144	814.162	1.618	2.226	628.656	456.816	446.647	10.169
2001	50389	36733.445	35723.395	1010.050	2.005	2.750	622.333	453.679	441.205	12.475
2002	51445	37627.700	36412.243	1215.457	2.363	3.230	629.005	460.065	445.203	14.861
2003	51408	37552.784	36118.696	1434.088	2.790	3.819	622.464	454.701	437.337	17.364
2004	51399	37527.823	35828.369	1699.455	3.306	4.529	615.898	449.684	429.320	20.364
2005	51421	37486.186	35551.562	1934.624	3.762	5.161	609.074	444.018	421.103	22.915
2006	51355	37409.496	35171.378	2238.118	4.358	5.983	602.712	439.045	412.778	26.267
2007	51839	37602.867	35098.059	2504.809	4.832	6.661	602.056	436.718	407.627	29.091
2008	50976	36986.957	34329.178	2657.779	5.214	7.186	585.355	424.719	394.200	30.519
2009	51193	37201.944	34199.972	3001.972	5.864	8.069	581.003	422.215	388.145	34.070

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	691006.095	20898.74	2.131	2.936	619.890	450.053	436.841	13.212

****

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 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	12626.318	36.661	0.038	0.290	1368.32	179.735	179.215	0.520
1992	93721	12337.995	12236.092	101.904	0.109	0.826	1311.71	172.682	171.256	1.426
1993	93679	12401.934	12194.230	207.704	0.222	1.675	1292.22	171.073	168.208	2.865
1994	90832	12128.576	11802.215	326.361	0.359	2.691	1233.90	164.759	160.326	4.433
1995	89698	11958.696	11500.159	458.537	0.511	3.834	1199.20	159.879	153.749	6.130
1996	88286	12020.749	11417.280	603.469	0.684	5.020	1164.54	158.560	150.600	7.960
1997	84777	11593.724	10852.847	740.877	0.874	6.390	1102.56	150.782	141.146	9.635
1998	82517	11337.035	10435.064	901.971	1.093	7.956	1058.04	145.364	133.799	11.565
1999	93939	13027.458	11730.775	1296.682	1.380	9.953	1188.25	164.787	148.385	16.402
2000	90039	12607.547	11131.253	1476.294	1.640	11.710	1124.63	157.474	139.034	18.440
2001	86119	12350.451	10620.266	1730.185	2.009	14.009	1063.62	152.535	131.166	21.369
2002	83014	12112.097	10195.692	1916.404	2.309	15.822	1014.99	148.092	124.660	23.431
2003	79302	11683.252	9595.175	2088.077	2.633	17.872	960.214	141.465	116.181	25.283
2004	73861	11139.095	8849.679	2289.416	3.100	20.553	885.053	133.476	106.043	27.433
2005	71649	10884.683	8416.480	2468.203	3.445	22.676	848.672	128.927	99.692	29.236
2006	67551	10397.565	7774.735	2622.829	3.883	25.225	792.791	122.028	91.246	30.782
2007	63503	9785.831	7086.367	2699.464	4.251	27.585	737.521	113.652	82.301	31.351
2008	63171	9922.524	7025.034	2897.491	4.587	29.201	725.389	113.940	80.668	33.272
2009	59747	9483.598	6514.249	2969.348	4.970	31.310	678.085	107.632	73.932	33.700

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	204650.670	27831.88	1.686	11.972	1043.56	146.971	129.376	17.595

****

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_17_Vary_parameter_combinations.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	3102.482	13.533	0.042	0.434	461.369	44.228	44.036	0.192
1992	32560	3095.448	3060.562	34.886	0.107	1.127	455.708	43.324	42.835	0.488
1993	32768	3114.516	3047.984	66.532	0.203	2.136	452.005	42.962	42.044	0.918
1994	33005	3168.398	3060.029	108.369	0.328	3.420	448.353	43.041	41.569	1.472
1995	33730	3200.274	3047.006	153.269	0.454	4.789	450.946	42.785	40.736	2.049
1996	33750	3234.738	3034.933	199.806	0.592	6.177	445.180	42.668	40.032	2.636
1997	33699	3240.665	2996.010	244.655	0.726	7.550	438.271	42.146	38.964	3.182
1998	33274	3171.578	2869.091	302.487	0.909	9.537	426.640	40.666	36.788	3.879
1999	33891	3153.786	2779.962	373.825	1.103	11.853	428.694	39.893	35.164	4.729
2000	33827	3237.043	2778.526	458.517	1.355	14.165	422.514	40.432	34.705	5.727
2001	32506	3110.972	2597.372	513.600	1.580	16.509	401.468	38.422	32.079	6.343
2002	32078	3123.298	2554.306	568.992	1.774	18.218	392.210	38.188	31.231	6.957
2003	30568	3025.984	2415.626	610.358	1.997	20.171	370.127	36.640	29.249	7.390
2004	29388	2983.453	2300.846	682.607	2.323	22.880	352.147	35.750	27.570	8.179
2005	27954	2926.679	2199.544	727.135	2.601	24.845	331.111	34.666	26.053	8.613
2006	27201	2889.308	2109.170	780.138	2.868	27.001	319.236	33.909	24.754	9.156
2007	26302	2810.025	1986.416	823.610	3.131	29.310	305.470	32.636	23.070	9.565
2008	25998	2773.025	1916.999	856.026	3.293	30.870	298.534	31.843	22.013	9.830
2009	25040	2723.293	1828.101	895.192	3.575	32.872	284.186	30.907	20.748	10.160

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	52878.207	8413.536	1.349	13.727	394.195	38.747	33.429	5.319

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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	11802.719	16.128	0.061	0.136	377.015	167.754	167.525	0.229
1992	26828	11981.252	11949.149	32.103	0.120	0.268	375.483	167.689	167.240	0.449
1993	29774	13348.134	13276.875	71.259	0.239	0.534	410.705	184.125	183.142	0.983
1994	29804	13404.876	13310.711	94.165	0.316	0.702	404.869	182.097	180.818	1.279
1995	29755	13407.404	13261.919	145.485	0.489	1.085	397.803	179.248	177.303	1.945
1996	30900	14056.435	13889.862	166.573	0.539	1.185	407.587	185.412	183.214	2.197
1997	31128	14163.848	13938.942	224.906	0.723	1.588	404.834	184.207	181.282	2.925
1998	32096	14738.220	14443.820	294.400	0.917	1.998	411.536	188.974	185.199	3.775
1999	34616	15867.376	15450.481	416.895	1.204	2.627	437.865	200.710	195.436	5.273
2000	34299	15766.470	15249.905	516.565	1.506	3.276	428.409	196.930	190.478	6.452
2001	34592	16091.193	15439.101	652.092	1.885	4.052	427.231	198.736	190.682	8.054
2002	34291	16120.902	15357.362	763.540	2.227	4.736	419.268	197.106	187.771	9.336
2003	35074	16455.810	15510.045	945.765	2.696	5.747	424.687	199.252	187.801	11.452
2004	33512	15694.580	14628.334	1066.246	3.182	6.794	401.564	188.063	175.287	12.776
2005	35392	16549.102	15243.995	1305.107	3.688	7.886	419.213	196.022	180.563	15.459
2006	33981	15926.096	14472.768	1453.328	4.277	9.125	398.807	186.912	169.855	17.057
2007	34000	15778.477	14195.969	1582.508	4.654	10.030	394.875	183.251	164.871	18.379
2008	37425	17438.838	15564.613	1874.225	5.008	10.747	429.749	200.249	178.728	21.522
2009	36826	17214.158	15140.773	2073.384	5.630	12.045	417.948	195.368	171.837	23.531

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	282942.558	13694.67	2.121	4.617	408.132	187.528	178.871	8.658

Results for PHIM for Run 9 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN5
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN5

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000

Results for PHIM for Run 9 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	124.00	4.63			
5	All Ages	Current MRTP	97.00	1.06					
5	All Ages	Current Dual	91.00	0.99					
5	All Ages	Former	2600.00	28.33			15.59	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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 9 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
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	527.00	55.01					
5	25-29	Current CC	281.00	29.33	1.00	0.32			
5	25-29	Current MRTP	17.00	1.77					
5	25-29	Current Dual	16.00	1.67					
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	487.00	45.34					
5	30-34	Current CC	356.00	33.15	8.00	2.11			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
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	474.00	43.77					
5	35-39	Current CC	337.00	31.12	13.00	3.66			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
5	35-39	Former	254.00	23.45			7.76	19.00	7.48
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	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
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	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	10.00	1.16					
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	140.00	26.72	9.00	6.21			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	224.00	42.75			16.80	14.00	6.25
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	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
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	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	17.00	19.32			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	254.00	56.70			23.01	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	73.00	20.33	11.00	13.92			
5	75-79	Current MRTP	3.00	0.84					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	212.00	59.05			24.31	6.00	2.83

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	4083.00	43.55					
10	All Ages	Current CC	2333.00	24.89	203.00	7.60			
10	All Ages	Current MRTP	197.00	2.10					
10	All Ages	Current Dual	141.00	1.50					
10	All Ages	Former	2621.00	27.96			17.23	172.00	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	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	12.00	1.34			2.67	5.00	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	5.00	1.62			
10	25-29	Current MRTP	31.00	3.39					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	53.00	5.79			4.28	19.00	35.85

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	483.00	50.42					
10	30-34	Current CC	252.00	26.30	5.00	1.58			
10	30-34	Current MRTP	36.00	3.76					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	159.00	16.60			7.45	21.00	13.21

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	474.00	44.13					
10	35-39	Current CC	325.00	30.26	18.00	4.97			
10	35-39	Current MRTP	21.00	1.96					
10	35-39	Current Dual	16.00	1.49					
10	35-39	Former	238.00	22.16			9.66	20.00	8.40

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	470.00	43.40					
10	40-44	Current CC	290.00	26.78	23.00	7.26			
10	40-44	Current MRTP	20.00	1.85					
10	40-44	Current Dual	7.00	0.65					
10	40-44	Former	296.00	27.33			10.66	26.00	8.78

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	402.00	41.32					
10	45-49	Current CC	264.00	27.13	22.00	7.75			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.73	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 9 (APPENDIX_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	28.00	11.48			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	14.00	1.63					
10	50-54	Former	307.00	35.74			17.31	6.00	1.95
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	192.00	30.48					
10	55-59	Current CC	170.00	26.98	23.00	12.30			
10	55-59	Current MRTP	12.00	1.90					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	251.00	39.84			20.20	11.00	4.38
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	12.00	8.96			
10	60-64	Current MRTP	2.00	0.38					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	235.00	44.85			19.94	9.00	3.83
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	103.00	20.00	20.00	16.95			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	256.00	49.71			21.64	13.00	5.08
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	29.00	23.77			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	258.00	51.60			24.69	14.00	5.43
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	60.00	13.39	18.00	24.66			
10	75-79	Current MRTP	10.00	2.23					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	269.00	60.04			25.18	14.00	5.20
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	3856.00	43.19					
15	All Ages	Current CC	2076.00	23.26	255.00	10.25			
15	All Ages	Current MRTP	252.00	2.82					
15	All Ages	Current Dual	159.00	1.78					
15	All Ages	Former	2584.00	28.95			18.48	163.00	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	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	41.00	4.58					
15	25-29	Current Dual	23.00	2.57					
15	25-29	Former	39.00	4.35			3.59	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	520.00	56.83					

Results for PHIM for Run 9 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	224.00	24.48	9.00	2.99			
15	30-34	Current MRTP	43.00	4.70					
15	30-34	Current Dual	34.00	3.72					
15	30-34	Former	94.00	10.27			5.61	23.00	24.47
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	468.00	48.85					
15	35-39	Current CC	231.00	24.11	13.00	4.35			
15	35-39	Current MRTP	37.00	3.86					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	191.00	19.94			10.09	21.00	10.99
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	472.00	43.95					
15	40-44	Current CC	288.00	26.82	25.00	7.58			
15	40-44	Current MRTP	26.00	2.42					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	272.00	25.33			12.46	17.00	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	470.00	43.40					
15	45-49	Current CC	264.00	24.38	33.00	11.11			
15	45-49	Current MRTP	23.00	2.12					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	316.00	29.18			14.25	14.00	4.43
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	402.00	41.32					
15	50-54	Current CC	224.00	23.02	26.00	10.53			
15	50-54	Current MRTP	16.00	1.64					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	324.00	33.30			17.98	17.00	5.25
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	192.00	22.35	32.00	14.41			
15	55-59	Current MRTP	17.00	1.98					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	329.00	38.30			20.14	19.00	5.78
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	30.00	17.14			
15	60-64	Current MRTP	16.00	2.54					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	263.00	41.75			22.76	13.00	4.94
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	123.00	23.47	27.00	20.00			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	234.00	44.66			23.21	5.00	2.14
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	91.00	17.67	25.00	21.93			
15	70-74	Current MRTP	15.00	2.91					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	260.00	50.49			24.72	10.00	3.85
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	35.00	29.66			
15	75-79	Current MRTP	15.00	3.00					
15	75-79	Current Dual	5.00	1.00					
15	75-79	Former	262.00	52.40			26.59	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	3676.00	43.62					
20	All Ages	Current CC	1749.00	20.75	282.00	12.94			

Results for PHIM for Run 9 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	258.00	3.06					
20	All Ages	Current Dual	172.00	2.04					
20	All Ages	Former	2572.00	30.52			19.27	168.00	6.53

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	575.00	64.17					
20	30-34	Current CC	175.00	19.53	3.00	1.22			
20	30-34	Current MRTP	41.00	4.58					
20	30-34	Current Dual	30.00	3.35					
20	30-34	Former	75.00	8.37			5.40	17.00	22.67

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	502.00	54.86					
20	35-39	Current CC	197.00	21.53	15.00	5.38			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	34.00	3.72					
20	35-39	Former	134.00	14.64			7.49	22.00	16.42

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	459.00	47.91					
20	40-44	Current CC	210.00	21.92	21.00	7.55			
20	40-44	Current MRTP	35.00	3.65					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	221.00	23.07			12.70	14.00	6.33

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	472.00	43.95					
20	45-49	Current CC	265.00	24.67	30.00	9.90			
20	45-49	Current MRTP	26.00	2.42					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	299.00	27.84			15.22	22.00	7.36

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	470.00	43.40					
20	50-54	Current CC	228.00	21.05	43.00	16.10			
20	50-54	Current MRTP	31.00	2.86					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	346.00	31.95			16.87	17.00	4.91

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	402.00	41.32					
20	55-59	Current CC	200.00	20.55	32.00	14.29			
20	55-59	Current MRTP	16.00	1.64					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	347.00	35.66			20.65	14.00	4.03

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	169.00	19.67	38.00	18.45			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 9 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	16.00	1.86					
20	60-64	Former	345.00	40.16			22.48	16.00	4.64

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	128.00	20.32	35.00	22.15			
20	65-69	Current MRTP	20.00	3.17					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.20	15.00	5.36

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	105.00	20.04	35.00	28.23			
20	70-74	Current MRTP	10.00	1.91					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	245.00	46.76			25.41	11.00	4.49

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	30.00	31.91			
20	75-79	Current MRTP	10.00	1.94					
20	75-79	Current Dual	12.00	2.33					
20	75-79	Former	280.00	54.37			25.13	20.00	7.14

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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	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121972.367	171.351	0.056	0.140	4692.62	1857.47	1854.87	2.606
1993	311713	123269.216	122911.532	357.684	0.115	0.290	4656.77	1841.55	1836.21	5.344
1994	305700	120480.723	119976.910	503.813	0.165	0.418	4482.57	1766.64	1759.26	7.388
1995	303225	118666.569	117956.937	709.631	0.234	0.598	4361.58	1706.89	1696.69	10.207
1996	299559	116607.195	115695.927	911.267	0.304	0.781	4242.85	1651.58	1638.68	12.907
1997	294226	114665.051	113623.096	1041.956	0.354	0.909	4100.64	1598.09	1583.57	14.522
1998	289258	113038.380	111765.576	1272.805	0.440	1.126	3966.28	1549.97	1532.52	17.453
1999	311002	117067.463	115354.483	1712.979	0.551	1.463	4198.14	1580.27	1557.14	23.123
2000	303786	114977.407	113110.683	1866.725	0.614	1.624	4041.13	1529.49	1504.66	24.832
2001	296294	113047.319	111033.082	2014.237	0.680	1.782	3890.54	1484.39	1457.94	26.448
2002	291898	111744.742	109556.845	2187.897	0.750	1.958	3789.34	1450.64	1422.24	28.403
2003	285865	110551.854	108185.204	2366.649	0.828	2.141	3671.31	1419.80	1389.40	30.394
2004	274177	107418.262	105020.459	2397.803	0.875	2.232	3481.92	1364.16	1333.71	30.451
2005	272379	107678.770	105179.396	2499.374	0.918	2.321	3417.44	1351.01	1319.65	31.359
2006	264118	104357.806	101814.751	2543.056	0.963	2.437	3281.83	1296.71	1265.11	31.599
2007	258419	102690.449	99978.495	2711.954	1.049	2.641	3176.05	1262.10	1228.77	33.331
2008	259461	103492.166	100419.841	3072.325	1.184	2.969	3150.91	1256.82	1219.51	37.311
2009	253907	101384.044	98097.799	3286.245	1.294	3.241	3045.20	1215.94	1176.52	39.413

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	2241564.132	31679.55	0.545	1.394	3927.78	1535.76	1514.36	21.402

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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_17_Vary_parameter_combinations.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	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62499.327	36.020	0.046	0.058	1185.97	950.993	950.445	0.548
1993	78542	62883.111	62813.839	69.272	0.088	0.110	1173.36	939.428	938.393	1.035
1994	77437	61805.804	61704.772	101.032	0.130	0.163	1135.48	906.276	904.795	1.481
1995	76904	61145.799	61000.900	144.900	0.188	0.237	1106.18	879.519	877.434	2.084
1996	76232	60385.323	60197.787	187.536	0.246	0.311	1079.72	855.277	852.621	2.656
1997	75473	59549.806	59347.731	202.074	0.268	0.339	1051.87	829.947	827.131	2.816
1998	75381	59292.315	59008.054	284.261	0.377	0.479	1033.62	813.010	809.112	3.898
1999	73159	57398.351	57046.903	351.449	0.480	0.612	987.557	774.807	770.063	4.744
2000	73784	57716.549	57295.014	421.534	0.571	0.730	981.515	767.777	762.169	5.607
2001	73294	57211.877	56748.956	462.921	0.632	0.809	962.399	751.230	745.152	6.078
2002	72442	56438.810	55934.118	504.692	0.697	0.894	940.422	732.673	726.122	6.552
2003	71942	55948.341	55426.790	521.552	0.725	0.932	923.937	718.533	711.835	6.698
2004	71301	55339.218	54792.806	546.413	0.766	0.987	905.490	702.783	695.844	6.939
2005	70964	54964.459	54412.560	551.899	0.778	1.004	890.360	689.620	682.695	6.924
2006	69658	53781.526	53227.465	554.061	0.795	1.030	865.543	668.268	661.384	6.885
2007	68565	52784.985	52206.460	578.524	0.844	1.096	842.687	648.745	641.635	7.110
2008	68226	52470.692	51797.053	673.639	0.987	1.284	828.542	637.208	629.027	8.181
2009	67509	51823.021	51094.803	728.219	1.079	1.405	809.661	621.533	612.800	8.734

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	1153055.783	6932.745	0.470	0.598	997.213	783.665	778.982	4.684

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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	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	37039.000	28.385	0.017	0.077	2599.72	573.449	573.010	0.439
1992	164548	35863.851	35763.501	100.350	0.061	0.280	2502.33	545.392	543.866	1.526
1993	164362	35459.800	35244.139	215.661	0.131	0.608	2455.45	529.744	526.522	3.222
1994	159866	34293.631	33997.158	296.473	0.185	0.865	2344.16	502.857	498.510	4.347
1995	158083	33531.695	33123.253	408.441	0.258	1.218	2273.86	482.318	476.443	5.875
1996	154875	32438.163	31923.419	514.744	0.332	1.587	2193.60	459.443	452.152	7.291
1997	149970	31179.663	30580.263	599.400	0.400	1.922	2090.14	434.552	426.198	8.354
1998	145407	29860.736	29185.671	675.065	0.464	2.261	1993.81	409.447	400.191	9.256
1999	165952	34413.904	33471.789	942.115	0.568	2.738	2240.15	464.545	451.828	12.717
2000	160260	33265.290	32288.021	977.269	0.610	2.938	2131.87	442.513	429.513	13.000
2001	154444	32074.102	31028.943	1045.158	0.677	3.259	2027.95	421.154	407.431	13.724
2002	151887	31817.956	30686.010	1131.947	0.745	3.558	1971.76	413.052	398.357	14.695
2003	146733	31025.931	29757.390	1268.542	0.865	4.089	1884.46	398.460	382.168	16.292
2004	138381	29503.602	28222.671	1280.931	0.926	4.342	1757.38	374.682	358.415	16.267
2005	135881	29077.894	27732.890	1345.004	0.990	4.626	1704.85	364.830	347.955	16.875
2006	131922	28385.448	26977.281	1408.167	1.067	4.961	1639.21	352.707	335.209	17.497
2007	126502	27327.625	25812.670	1514.956	1.198	5.544	1554.75	335.866	317.246	18.619
2008	125859	27025.472	25366.871	1658.601	1.318	6.137	1528.44	328.199	308.057	20.142
2009	122428	26361.626	24586.365	1775.261	1.450	6.734	1468.33	316.165	294.874	21.291

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	621170.203	17186.47	0.573	2.692	2024.64	431.261	419.650	11.611

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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	STROKE

Results for PHIM for Run 9 (APPENDIX_17_Vary_parameter_combinations.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	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.024	16.172	0.050	0.370	488.154	66.474	66.228	0.246
1993	32896	4414.136	4376.603	37.534	0.114	0.850	491.442	65.944	65.383	0.561
1994	33323	4474.895	4420.574	54.321	0.163	1.214	488.625	65.617	64.820	0.797
1995	33569	4476.290	4398.083	78.207	0.233	1.747	482.855	64.387	63.262	1.125
1996	33870	4489.078	4385.740	103.338	0.305	2.302	479.723	63.582	62.118	1.464
1997	33516	4444.866	4316.195	128.672	0.384	2.895	467.113	61.948	60.155	1.793
1998	32795	4313.427	4184.519	128.908	0.393	2.989	449.682	59.145	57.378	1.768
1999	33375	4232.739	4078.189	154.550	0.463	3.651	450.521	57.137	55.051	2.086
2000	33459	4307.577	4151.849	155.728	0.465	3.615	445.090	57.302	55.230	2.072
2001	32275	4136.308	3978.948	157.360	0.488	3.804	423.792	54.312	52.246	2.066
2002	31586	4079.175	3918.770	160.405	0.508	3.932	410.041	52.955	50.872	2.082
2003	30985	4096.221	3902.003	194.218	0.627	4.741	397.934	52.607	50.113	2.494
2004	29884	4034.217	3841.810	192.406	0.644	4.769	379.513	51.233	48.789	2.443
2005	28708	3944.303	3747.116	197.186	0.687	4.999	360.189	49.488	47.014	2.474
2006	28188	3970.169	3757.143	213.026	0.756	5.366	350.253	49.332	46.685	2.647
2007	28026	3957.558	3716.001	241.556	0.862	6.104	344.449	48.640	45.671	2.969
2008	27128	3812.302	3568.719	243.582	0.898	6.389	329.444	46.297	43.339	2.958
2009	27068	3827.467	3551.582	275.885	1.019	7.208	324.637	45.904	42.595	3.309

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	81720.454	2737.049	0.436	3.241	424.421	57.058	55.209	1.849

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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	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	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19354.515	18.809	0.055	0.097	516.166	294.616	294.330	0.286
1993	35913	20512.169	20476.951	35.218	0.098	0.172	536.514	306.437	305.911	0.526
1994	35074	19906.392	19854.405	51.987	0.148	0.261	514.300	291.893	291.131	0.762
1995	34669	19512.784	19434.701	78.084	0.225	0.400	498.677	280.671	279.548	1.123
1996	34582	19294.631	19188.981	105.650	0.306	0.548	489.808	273.283	271.786	1.496
1997	35267	19490.717	19378.907	111.810	0.317	0.574	491.517	271.643	270.084	1.558
1998	35675	19571.902	19387.331	184.571	0.517	0.943	489.172	268.368	265.837	2.531
1999	38516	21022.469	20757.603	264.866	0.688	1.260	519.919	283.777	280.202	3.575
2000	36283	19687.992	19375.798	312.193	0.860	1.586	482.656	261.900	257.747	4.153
2001	36281	19625.032	19276.235	348.797	0.961	1.777	476.394	257.690	253.110	4.580
2002	35983	19408.801	19017.947	390.853	1.086	2.014	467.122	251.960	246.886	5.074
2003	36205	19481.360	19099.022	382.338	1.056	1.963	464.974	250.195	245.285	4.910
2004	34611	18541.224	18163.171	378.053	1.092	2.039	439.544	235.465	230.664	4.801
2005	36826	19692.114	19286.830	405.284	1.101	2.058	462.043	247.070	241.985	5.085
2006	34350	18220.663	17852.862	367.801	1.071	2.019	426.820	226.403	221.833	4.570
2007	35326	18620.282	18243.364	376.918	1.067	2.024	434.168	228.849	224.217	4.632
2008	38248	20183.701	19687.198	496.503	1.298	2.460	464.487	245.112	239.083	6.030
2009	36902	19371.930	18865.050	506.880	1.374	2.617	442.580	232.335	226.256	6.079

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	385617.691	4823.283	0.677	1.235	481.512	263.774	260.516	3.259

Results for PHIM for Run 10 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN5
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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: 10, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN5

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000

Results for PHIM for Run 10 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	105.00	4.77			
5	All Ages	Current MRTP	105.00	1.16					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1998.00	22.00			14.75	123.00	6.16

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	3.00	1.01			1.33	2.00	66.67

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

Results for PHIM for Run 10 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
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	457.00	54.99					
5	25-29	Current CC	205.00	24.67	8.00	3.39			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	13.00	1.56					
5	25-29	Former	138.00	16.61			5.35	15.00	10.87
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	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.35			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	184.00	18.42			7.69	14.00	7.61
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	550.00	49.02					
5	35-39	Current CC	301.00	26.83	9.00	2.73			
5	35-39	Current MRTP	20.00	1.78					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	242.00	21.57			8.40	16.00	6.61
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	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
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	8.00	4.32			
5	45-49	Current MRTP	4.00	0.49					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.20	16.00	7.84
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	5.84			
5	50-54	Current MRTP	6.00	0.97					
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	124.00	23.18	7.00	5.47			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.06	7.00	4.52
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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	105.00	19.59	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	11.00	13.10			
5	70-74	Current MRTP	4.00	0.74					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	175.00	32.47			24.85	4.00	2.29

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	49.00	10.08	11.00	18.97			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	161.00	33.13			27.84	3.00	1.86

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	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	173.00	7.83			
10	All Ages	Current MRTP	185.00	2.03					
10	All Ages	Current Dual	130.00	1.43					
10	All Ages	Former	2031.00	22.30			16.13	126.00	6.20

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	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	14.00	1.72					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	12.00	1.48			3.67	3.00	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	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.89			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	52.00	6.16			4.29	18.00	34.62

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	423.00	50.90					
10	30-34	Current CC	186.00	22.38	13.00	5.60			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	24.00	2.89					
10	30-34	Former	176.00	21.18			8.14	21.00	11.93

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	493.00	49.35					
10	35-39	Current CC	257.00	25.73	24.00	7.97			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	205.00	20.52			10.80	10.00	4.88

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	540.00	48.13					
10	40-44	Current CC	265.00	23.62	20.00	6.47			
10	40-44	Current MRTP	29.00	2.58					
10	40-44	Current Dual	15.00	1.34					
10	40-44	Former	273.00	24.33			11.49	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	489.00	50.41					
10	45-49	Current CC	189.00	19.48	20.00	9.39			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	268.00	27.63			15.10	12.00	4.48

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	158.00	19.48	17.00	9.88			
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			14.47	13.00	5.99
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			18.31	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	114.00	21.31	9.00	7.44			
10	60-64	Current MRTP	5.00	0.93					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	162.00	30.28			18.71	3.00	1.85
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	250.00	51.23					
10	65-69	Current CC	92.00	18.85	10.00	10.10			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	139.00	28.48			23.81	2.00	1.44
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	87.00	16.23	13.00	13.00			
10	70-74	Current MRTP	10.00	1.87					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	176.00	32.84			23.67	11.00	6.25
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	26.00	30.59			
10	75-79	Current MRTP	12.00	2.23					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	174.00	32.28			27.46	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	4463.00	52.08					
15	All Ages	Current CC	1635.00	19.08	204.00	10.18			
15	All Ages	Current MRTP	214.00	2.50					
15	All Ages	Current Dual	154.00	1.80					
15	All Ages	Former	2104.00	24.55			17.04	143.00	6.80
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	569.00	69.99					
15	25-29	Current CC	150.00	18.45	2.00	0.95			
15	25-29	Current MRTP	35.00	4.31					
15	25-29	Current Dual	25.00	3.08					
15	25-29	Former	34.00	4.18			3.94	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	482.00	57.11					

Results for PHIM for Run 10 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	195.00	23.10	8.00	2.91			
15	30-34	Current MRTP	44.00	5.21					
15	30-34	Current Dual	36.00	4.27					
15	30-34	Former	87.00	10.31			5.90	18.00	20.69
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	409.00	49.22					
15	35-39	Current CC	163.00	19.61	22.00	10.23			
15	35-39	Current MRTP	27.00	3.25					
15	35-39	Current Dual	25.00	3.01					
15	35-39	Former	207.00	24.91			11.02	13.00	6.28
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	48.95					
15	40-44	Current CC	226.00	22.62	29.00	10.58			
15	40-44	Current MRTP	22.00	2.20					
15	40-44	Current Dual	26.00	2.60					
15	40-44	Former	236.00	23.62			13.39	14.00	5.93
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	540.00	48.13					
15	45-49	Current CC	231.00	20.59	25.00	9.06			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	306.00	27.27			14.41	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	489.00	50.41					
15	50-54	Current CC	165.00	17.01	28.00	14.51			
15	50-54	Current MRTP	15.00	1.55					
15	50-54	Current Dual	13.00	1.34					
15	50-54	Former	288.00	29.69			17.92	15.00	5.21
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	142.00	17.51	18.00	11.76			
15	55-59	Current MRTP	8.00	0.99					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	236.00	29.10			17.19	16.00	6.78
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	18.00	14.75			
15	60-64	Current MRTP	9.00	1.45					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.16	12.00	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	252.00	47.10					
15	65-69	Current CC	103.00	19.25	21.00	18.75			
15	65-69	Current MRTP	7.00	1.31					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	171.00	31.96			21.43	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	77.00	15.78	11.00	13.10			
15	70-74	Current MRTP	6.00	1.23					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	154.00	31.56			24.49	10.00	6.49
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	22.00	24.72			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	187.00	34.89			25.13	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	4144.00	51.58					
20	All Ages	Current CC	1395.00	17.36	220.00	12.51			

Results for PHIM for Run 10 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	219.00	2.73					
20	All Ages	Current Dual	145.00	1.80					
20	All Ages	Former	2131.00	26.52			18.39	125.00	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	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.43			
20	30-34	Current MRTP	39.00	4.80					
20	30-34	Current Dual	26.00	3.20					
20	30-34	Former	67.00	8.24			5.45	14.00	20.90
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	466.00	55.21					
20	35-39	Current CC	169.00	20.02	11.00	4.45			
20	35-39	Current MRTP	47.00	5.57					
20	35-39	Current Dual	31.00	3.67					
20	35-39	Former	131.00	15.52			7.34	27.00	20.61
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	399.00	48.01					
20	40-44	Current CC	143.00	17.21	27.00	13.57			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	27.00	3.25					
20	40-44	Former	233.00	28.04			14.03	9.00	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	489.00	48.95					
20	45-49	Current CC	208.00	20.82	31.00	12.30			
20	45-49	Current MRTP	22.00	2.20					
20	45-49	Current Dual	22.00	2.20					
20	45-49	Former	258.00	25.83			16.24	11.00	4.26
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	540.00	48.13					
20	50-54	Current CC	204.00	18.18	29.00	11.84			
20	50-54	Current MRTP	28.00	2.50					
20	50-54	Current Dual	13.00	1.16					
20	50-54	Former	337.00	30.04			16.98	18.00	5.34
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	489.00	50.41					
20	55-59	Current CC	149.00	15.36	30.00	17.14			
20	55-59	Current MRTP	13.00	1.34					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	306.00	31.55			20.69	9.00	2.94
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	122.00	15.04	25.00	17.73			
20	60-64	Current MRTP	17.00	2.10					

Results for PHIM for Run 10 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	2.00	0.25					
20	60-64	Former	248.00	30.58			20.18	13.00	5.24

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	99.00	15.94	23.00	20.18			
20	65-69	Current MRTP	11.00	1.77					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	206.00	33.17			23.22	4.00	1.94

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	89.00	16.64	22.00	22.00			
20	70-74	Current MRTP	8.00	1.50					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	183.00	34.21			24.08	10.00	5.46

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	19.00	25.00			
20	75-79	Current MRTP	5.00	1.02					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	162.00	33.20			25.61	10.00	6.17

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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	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60199.074	27.068	0.014	0.045	2778.64	842.922	842.543	0.379
1993	202512	62332.320	62277.269	55.051	0.027	0.088	2793.47	859.818	859.058	0.759
1994	200658	62691.239	62615.361	75.878	0.038	0.121	2725.82	851.622	850.591	1.031
1995	201023	63132.954	63014.269	118.685	0.059	0.188	2687.54	844.043	842.457	1.587
1996	201180	64309.880	64249.497	60.383	0.030	0.094	2653.67	848.280	847.483	0.796
1997	198639	64547.894	64448.419	99.474	0.050	0.154	2583.39	839.475	838.181	1.294
1998	197573	65384.866	65210.596	174.271	0.088	0.267	2533.29	838.367	836.132	2.235
1999	211329	67554.762	67263.041	291.721	0.138	0.432	2673.14	854.513	850.823	3.690
2000	208496	68184.366	67831.174	353.192	0.169	0.518	2604.20	851.652	847.240	4.412
2001	203606	68286.060	67761.160	524.900	0.258	0.769	2514.65	843.372	836.889	6.483
2002	200828	68983.996	68440.460	543.536	0.271	0.788	2455.47	843.450	836.805	6.646
2003	196352	68717.830	67966.661	751.169	0.383	1.093	2377.49	832.057	822.962	9.095
2004	188160	67344.952	66341.679	1003.273	0.533	1.490	2254.66	806.974	794.952	12.022
2005	186416	67846.650	66668.473	1178.177	0.632	1.737	2208.07	803.634	789.678	13.955
2006	180088	66622.465	65019.241	1603.224	0.890	2.406	2113.55	781.893	763.078	18.816
2007	175644	65977.201	64104.438	1872.763	1.066	2.838	2039.92	766.256	744.506	21.750
2008	177570	67121.344	65099.726	2021.618	1.138	3.012	2039.03	770.751	747.537	23.214
2009	172806	66622.993	64295.465	2327.527	1.347	3.494	1961.22	756.123	729.707	26.416

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	1289215.930	13100.44	0.336	1.006	2465.77	823.300	815.018	8.282

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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_17_Vary_parameter_combinations.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	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.966	6.480	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33455.498	12.238	0.026	0.037	638.542	461.657	461.488	0.169
1994	47017	33989.389	33974.798	14.591	0.031	0.043	638.697	461.725	461.527	0.198
1995	47840	34566.580	34541.527	25.053	0.052	0.072	639.587	462.131	461.796	0.335
1996	48244	34997.958	34998.374	-0.416	-0.001	-0.001	636.363	461.641	461.646	-0.005
1997	49035	35549.658	35536.092	13.566	0.028	0.038	637.723	462.340	462.163	0.176
1998	49686	36138.033	36112.692	25.341	0.051	0.070	637.076	463.363	463.038	0.325
1999	48883	35506.142	35462.879	43.263	0.089	0.122	618.331	449.124	448.577	0.547
2000	50331	36573.306	36508.910	64.396	0.128	0.176	628.656	456.816	456.012	0.804
2001	50389	36733.445	36627.316	106.129	0.211	0.289	622.333	453.679	452.369	1.311
2002	51445	37627.700	37508.642	119.059	0.231	0.316	629.005	460.065	458.609	1.456
2003	51408	37552.784	37362.078	190.706	0.371	0.508	622.464	454.701	452.392	2.309
2004	51399	37527.823	37258.628	269.195	0.524	0.717	615.898	449.684	446.459	3.226
2005	51421	37486.186	37173.922	312.264	0.607	0.833	609.074	444.018	440.320	3.699
2006	51355	37409.496	36940.387	469.109	0.913	1.254	602.712	439.045	433.539	5.506
2007	51839	37602.867	37039.957	562.911	1.086	1.497	602.056	436.718	430.180	6.538
2008	50976	36986.957	36404.535	582.422	1.143	1.575	585.355	424.719	418.031	6.688
2009	51193	37201.944	36495.422	706.522	1.380	1.899	581.003	422.215	414.197	8.019

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	708375.812	3529.027	0.360	0.496	619.890	450.053	447.822	2.231

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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	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	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12326.022	11.973	0.013	0.097	1311.71	172.682	172.514	0.168
1993	93679	12401.934	12375.029	26.905	0.029	0.217	1292.22	171.073	170.702	0.371
1994	90832	12128.576	12086.938	41.638	0.046	0.343	1233.90	164.759	164.194	0.566
1995	89698	11958.696	11899.290	59.406	0.066	0.497	1199.20	159.879	159.085	0.794
1996	88286	12020.749	11964.451	56.298	0.064	0.468	1164.54	158.560	157.817	0.743
1997	84777	11593.724	11519.447	74.276	0.088	0.641	1102.56	150.782	149.816	0.966
1998	82517	11337.035	11220.448	116.587	0.141	1.028	1058.04	145.364	143.869	1.495
1999	93939	13027.458	12833.771	193.686	0.206	1.487	1188.25	164.787	162.337	2.450
2000	90039	12607.547	12404.568	202.979	0.225	1.610	1124.63	157.474	154.938	2.535
2001	86119	12350.451	12063.256	287.195	0.333	2.325	1063.62	152.535	148.988	3.547
2002	83014	12112.097	11807.404	304.693	0.367	2.516	1014.99	148.092	144.366	3.725
2003	79302	11683.252	11324.946	358.307	0.452	3.067	960.214	141.465	137.126	4.338
2004	73861	11139.095	10687.584	451.511	0.611	4.053	885.053	133.476	128.066	5.410
2005	71649	10884.683	10373.260	511.423	0.714	4.699	848.672	128.927	122.870	6.058
2006	67551	10397.565	9771.905	625.660	0.926	6.017	792.791	122.028	114.685	7.343
2007	63503	9785.831	9065.966	719.865	1.134	7.356	737.521	113.652	105.292	8.360
2008	63171	9922.524	9140.973	781.551	1.237	7.877	725.389	113.940	104.965	8.975
2009	59747	9483.598	8637.984	845.614	1.415	8.917	678.085	107.632	98.035	9.597

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	226808.604	5673.945	0.344	2.441	1043.56	146.971	143.384	3.587

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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	STROKE

Results for PHIM for Run 10 (APPENDIX_17_Vary_parameter_combinations.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	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.249	4.199	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3107.325	7.191	0.022	0.231	452.005	42.962	42.863	0.099
1994	33005	3168.398	3156.568	11.830	0.036	0.373	448.353	43.041	42.880	0.161
1995	33730	3200.274	3182.252	18.022	0.053	0.563	450.946	42.785	42.544	0.241
1996	33750	3234.738	3214.662	20.077	0.059	0.621	445.180	42.668	42.403	0.265
1997	33699	3240.665	3223.456	17.209	0.051	0.531	438.271	42.146	41.923	0.224
1998	33274	3171.578	3137.721	33.857	0.102	1.068	426.640	40.666	40.232	0.434
1999	33891	3153.786	3101.282	52.504	0.155	1.665	428.694	39.893	39.229	0.664
2000	33827	3237.043	3171.103	65.940	0.195	2.037	422.514	40.432	39.608	0.824
2001	32506	3110.972	3018.405	92.566	0.285	2.975	401.468	38.422	37.279	1.143
2002	32078	3123.298	3023.096	100.201	0.312	3.208	392.210	38.188	36.963	1.225
2003	30568	3025.984	2914.064	111.920	0.366	3.699	370.127	36.640	35.284	1.355
2004	29388	2983.453	2836.818	146.635	0.499	4.915	352.147	35.750	33.993	1.757
2005	27954	2926.679	2756.378	170.301	0.609	5.819	331.111	34.666	32.649	2.017
2006	27201	2889.308	2682.270	207.038	0.761	7.166	319.236	33.909	31.480	2.430
2007	26302	2810.025	2568.869	241.156	0.917	8.582	305.470	32.636	29.835	2.801
2008	25998	2773.025	2519.436	253.589	0.975	9.145	298.534	31.843	28.931	2.912
2009	25040	2723.293	2440.990	282.303	1.127	10.366	284.186	30.907	27.703	3.204

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	59452.767	1838.976	0.295	3.000	394.195	38.747	37.585	1.163

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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	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.836	4.416	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13339.417	8.717	0.029	0.065	410.705	184.125	184.005	0.120
1994	29804	13404.876	13397.057	7.819	0.026	0.058	404.869	182.097	181.991	0.106
1995	29755	13407.404	13391.200	16.205	0.054	0.121	397.803	179.248	179.031	0.217
1996	30900	14056.435	14072.011	-15.576	-0.050	-0.111	407.587	185.412	185.617	-0.205
1997	31128	14163.848	14169.424	-5.576	-0.018	-0.039	404.834	184.207	184.280	-0.073
1998	32096	14738.220	14739.734	-1.514	-0.005	-0.010	411.536	188.974	188.993	-0.019
1999	34616	15867.376	15865.108	2.268	0.007	0.014	437.865	200.710	200.681	0.029
2000	34299	15766.470	15746.593	19.877	0.058	0.126	428.409	196.930	196.682	0.248
2001	34592	16091.193	16052.183	39.010	0.113	0.242	427.231	198.736	198.254	0.482
2002	34291	16120.902	16101.319	19.583	0.057	0.121	419.268	197.106	196.867	0.239
2003	35074	16455.810	16365.574	90.236	0.257	0.548	424.687	199.252	198.160	1.093
2004	33512	15694.580	15558.649	135.931	0.406	0.866	401.564	188.063	186.434	1.629
2005	35392	16549.102	16364.913	184.188	0.520	1.113	419.213	196.022	193.840	2.182
2006	33981	15926.096	15624.679	301.417	0.887	1.893	398.807	186.912	183.374	3.537
2007	34000	15778.477	15429.647	348.830	1.026	2.211	394.875	183.251	179.199	4.051
2008	37425	17438.838	17034.782	404.056	1.080	2.317	429.749	200.249	195.610	4.640
2009	36826	17214.158	16721.070	493.088	1.339	2.864	417.948	195.368	189.772	5.596

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	294578.747	2058.486	0.319	0.694	408.132	187.528	186.227	1.301

Results for PHIM for Run 11 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN6
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN6

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000

Results for PHIM for Run 11 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	137.00	5.08			
5	All Ages	Current MRTP	109.00	1.19					
5	All Ages	Current Dual	98.00	1.07					
5	All Ages	Former	2581.00	28.12			15.70	133.00	5.15

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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 11 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
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	527.00	55.01					
5	25-29	Current CC	281.00	29.33	3.00	0.93			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	110.00	11.48			5.15	16.00	14.55
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	487.00	45.34					
5	30-34	Current CC	356.00	33.15	9.00	2.36			
5	30-34	Current MRTP	12.00	1.12					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	206.00	19.18			6.32	25.00	12.14
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	474.00	43.77					
5	35-39	Current CC	337.00	31.12	15.00	4.20			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	252.00	23.27			7.82	17.00	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	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
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	236.00	27.47	12.00	4.72			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	297.00	34.58			13.86	10.00	3.37
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	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	140.00	26.72	10.00	6.85			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
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	114.00	22.14	15.00	11.81			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	247.00	47.96			18.90	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	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	19.00	21.11			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	252.00	56.25			23.19	7.00	2.78

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	14.00	17.07			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	209.00	58.22			24.62	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	4083.00	43.55					
10	All Ages	Current CC	2334.00	24.90	244.00	8.89			
10	All Ages	Current MRTP	239.00	2.55					
10	All Ages	Current Dual	172.00	1.83					
10	All Ages	Former	2547.00	27.17			17.66	140.00	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	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	10.00	1.12			2.90	4.00	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	244.00	26.67	5.00	1.57			
10	25-29	Current MRTP	35.00	3.83					
10	25-29	Current Dual	39.00	4.26					
10	25-29	Former	44.00	4.81			4.84	13.00	29.55

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	483.00	50.42					
10	30-34	Current CC	252.00	26.30	8.00	2.44			
10	30-34	Current MRTP	45.00	4.70					
10	30-34	Current Dual	31.00	3.24					
10	30-34	Former	147.00	15.34			7.75	18.00	12.24

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	474.00	44.13					
10	35-39	Current CC	325.00	30.26	22.00	5.96			
10	35-39	Current MRTP	26.00	2.42					
10	35-39	Current Dual	18.00	1.68					
10	35-39	Former	231.00	21.51			9.85	18.00	7.79

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	470.00	43.40					
10	40-44	Current CC	291.00	26.87	29.00	8.84			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	13.00	1.20					
10	40-44	Former	285.00	26.32			11.01	20.00	7.02

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	402.00	41.32					
10	45-49	Current CC	264.00	27.13	25.00	8.68			
10	45-49	Current MRTP	15.00	1.54					
10	45-49	Current Dual	9.00	0.92					
10	45-49	Former	283.00	29.09			15.93	12.00	4.24

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	30.00	12.15			
10	50-54	Current MRTP	17.00	1.98					
10	50-54	Current Dual	16.00	1.86					
10	50-54	Former	304.00	35.39			17.44	6.00	1.97
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	27.00	14.14			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	247.00	39.21			20.52	7.00	2.83
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	14.00	10.29			
10	60-64	Current MRTP	4.00	0.76					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	233.00	44.47			20.07	9.00	3.86
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	103.00	20.00	25.00	19.84			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	8.00	1.55					
10	65-69	Former	248.00	48.16			22.26	9.00	3.63
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	32.00	25.60			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	7.00	1.40					
10	70-74	Former	255.00	51.00			24.96	12.00	4.71
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	106.00	23.66					
10	75-79	Current CC	60.00	13.39	27.00	32.93			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	8.00	1.79					
10	75-79	Former	260.00	58.04			25.97	12.00	4.62
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	3856.00	43.19					
15	All Ages	Current CC	2070.00	23.19	313.00	11.97			
15	All Ages	Current MRTP	334.00	3.74					
15	All Ages	Current Dual	210.00	2.35					
15	All Ages	Former	2457.00	27.52			19.20	132.00	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	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	45.00	5.02					
15	25-29	Current Dual	26.00	2.90					
15	25-29	Former	32.00	3.57			3.66	10.00	31.25
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	520.00	56.83					

Results for PHIM for Run 11 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	224.00	24.48	11.00	3.40			
15	30-34	Current MRTP	56.00	6.12					
15	30-34	Current Dual	44.00	4.81					
15	30-34	Former	71.00	7.76			6.32	14.00	19.72
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	468.00	48.85					
15	35-39	Current CC	230.00	24.01	18.00	5.64			
15	35-39	Current MRTP	53.00	5.53					
15	35-39	Current Dual	36.00	3.76					
15	35-39	Former	171.00	17.85			10.60	18.00	10.53
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	472.00	43.95					
15	40-44	Current CC	287.00	26.72	29.00	8.53			
15	40-44	Current MRTP	33.00	3.07					
15	40-44	Current Dual	20.00	1.86					
15	40-44	Former	262.00	24.39			12.69	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	470.00	43.40					
15	45-49	Current CC	263.00	24.28	42.00	13.50			
15	45-49	Current MRTP	30.00	2.77					
15	45-49	Current Dual	18.00	1.66					
15	45-49	Former	302.00	27.89			14.69	12.00	3.97
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	402.00	41.32					
15	50-54	Current CC	224.00	23.02	28.00	11.16			
15	50-54	Current MRTP	19.00	1.95					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	320.00	32.89			18.13	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	41.00	17.45			
15	55-59	Current MRTP	25.00	2.91					
15	55-59	Current Dual	19.00	2.21					
15	55-59	Former	316.00	36.79			20.81	16.00	5.06
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	33.00	18.03			
15	60-64	Current MRTP	22.00	3.49					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	255.00	40.48			23.36	11.00	4.31
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	121.00	23.09	29.00	21.01			
15	65-69	Current MRTP	7.00	1.34					
15	65-69	Current Dual	10.00	1.91					
15	65-69	Former	231.00	44.08			23.43	4.00	1.73
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	141.00	27.38					
15	70-74	Current CC	91.00	17.67	35.00	27.56			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	13.00	2.52					
15	70-74	Former	247.00	47.96			25.74	8.00	3.24
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	47.00	36.15			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	11.00	2.20					
15	75-79	Former	250.00	50.00			27.72	7.00	2.80
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	3676.00	43.62					
20	All Ages	Current CC	1741.00	20.66	364.00	15.25			

Results for PHIM for Run 11 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	395.00	4.69					
20	All Ages	Current Dual	251.00	2.98					
20	All Ages	Former	2364.00	28.05			20.44	122.00	5.16

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	575.00	64.17					
20	30-34	Current CC	174.00	19.42	2.00	0.75			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	40.00	4.46					
20	30-34	Former	54.00	6.03			5.85	12.00	22.22

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	502.00	54.86					
20	35-39	Current CC	196.00	21.42	13.00	4.17			
20	35-39	Current MRTP	65.00	7.10					
20	35-39	Current Dual	51.00	5.57					
20	35-39	Former	101.00	11.04			8.00	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	459.00	47.91					
20	40-44	Current CC	209.00	21.82	27.00	8.63			
20	40-44	Current MRTP	61.00	6.37					
20	40-44	Current Dual	43.00	4.49					
20	40-44	Former	186.00	19.42			13.76	8.00	4.30

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	472.00	43.95					
20	45-49	Current CC	262.00	24.39	38.00	11.88			
20	45-49	Current MRTP	40.00	3.72					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	282.00	26.26			15.75	17.00	6.03

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	470.00	43.40					
20	50-54	Current CC	227.00	20.96	54.00	18.82			
20	50-54	Current MRTP	41.00	3.79					
20	50-54	Current Dual	19.00	1.75					
20	50-54	Former	326.00	30.10			17.49	13.00	3.99

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	402.00	41.32					
20	55-59	Current CC	200.00	20.55	40.00	16.88			
20	55-59	Current MRTP	26.00	2.67					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	334.00	34.33			21.28	9.00	2.69

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	169.00	19.67	54.00	23.68			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 11 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	24.00	2.79					
20	60-64	Former	323.00	37.60			23.61	13.00	4.02

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	128.00	20.32	43.00	25.00			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	266.00	42.22			25.17	12.00	4.51

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	104.00	19.85	42.00	31.82			
20	70-74	Current MRTP	15.00	2.86					
20	70-74	Current Dual	13.00	2.48					
20	70-74	Former	237.00	45.23			26.06	11.00	4.64

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	51.00	42.86			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	21.00	4.08					
20	75-79	Former	255.00	49.51			27.04	11.00	4.31

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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	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	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121974.820	168.898	0.055	0.138	4692.62	1857.47	1854.91	2.568
1993	311713	123269.216	122916.008	353.208	0.113	0.287	4656.77	1841.55	1836.28	5.277
1994	305700	120480.723	119985.345	495.379	0.162	0.411	4482.57	1766.64	1759.38	7.264
1995	303225	118666.569	117971.169	695.400	0.229	0.586	4361.58	1706.89	1696.89	10.003
1996	299559	116607.195	115713.862	893.333	0.298	0.766	4242.85	1651.58	1638.93	12.653
1997	294226	114665.051	113650.822	1014.229	0.345	0.885	4100.64	1598.09	1583.95	14.135
1998	289258	113038.380	111813.506	1224.874	0.423	1.084	3966.28	1549.97	1533.18	16.795
1999	311002	117067.463	115433.795	1633.667	0.525	1.395	4198.14	1580.27	1558.21	22.053
2000	303786	114977.407	113216.021	1761.386	0.580	1.532	4041.13	1529.49	1506.06	23.431
2001	296294	113047.319	111177.236	1870.083	0.631	1.654	3890.54	1484.39	1459.83	24.555
2002	291898	111744.742	109734.642	2010.100	0.689	1.799	3789.34	1450.64	1424.55	26.095
2003	285865	110551.854	108403.420	2148.434	0.752	1.943	3671.31	1419.80	1392.20	27.592
2004	274177	107418.262	105260.185	2158.077	0.787	2.009	3481.92	1364.16	1336.76	27.407
2005	272379	107678.770	105429.720	2249.050	0.826	2.089	3417.44	1351.01	1322.79	28.218
2006	264118	104357.806	102086.041	2271.766	0.860	2.177	3281.83	1296.71	1268.48	28.228
2007	258419	102690.449	100286.591	2403.858	0.930	2.341	3176.05	1262.10	1232.56	29.544
2008	259461	103492.166	100745.388	2746.778	1.059	2.654	3150.91	1256.82	1223.46	33.357
2009	253907	101384.044	98456.329	2927.714	1.153	2.888	3045.20	1215.94	1180.82	35.113

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	2244165.649	29078.03	0.500	1.279	3927.78	1535.76	1516.11	19.645

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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	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_17_Vary_parameter_combinations.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	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62499.612	35.735	0.046	0.057	1185.97	950.993	950.450	0.543
1993	78542	62883.111	62814.408	68.703	0.087	0.109	1173.36	939.428	938.402	1.026
1994	77437	61805.804	61706.200	99.604	0.129	0.161	1135.48	906.276	904.816	1.461
1995	76904	61145.799	61003.606	142.194	0.185	0.233	1106.18	879.519	877.473	2.045
1996	76232	60385.323	60201.302	184.020	0.241	0.305	1079.72	855.277	852.671	2.606
1997	75473	59549.806	59352.980	196.826	0.261	0.331	1051.87	829.947	827.204	2.743
1998	75381	59292.315	59017.990	274.325	0.364	0.463	1033.62	813.010	809.249	3.762
1999	73159	57398.351	57061.855	336.497	0.460	0.586	987.557	774.807	770.265	4.542
2000	73784	57716.549	57316.495	400.054	0.542	0.693	981.515	767.777	762.455	5.322
2001	73294	57211.877	56779.009	432.869	0.591	0.757	962.399	751.230	745.546	5.684
2002	72442	56438.810	55971.390	467.420	0.645	0.828	940.422	732.673	726.605	6.068
2003	71942	55948.341	55474.538	473.803	0.659	0.847	923.937	718.533	712.449	6.085
2004	71301	55339.218	54845.840	493.378	0.692	0.892	905.490	702.783	696.517	6.266
2005	70964	54964.459	54466.256	498.203	0.702	0.906	890.360	689.620	683.369	6.251
2006	69658	53781.526	53287.000	494.527	0.710	0.920	865.543	668.268	662.124	6.145
2007	68565	52784.985	52274.611	510.374	0.744	0.967	842.687	648.745	642.472	6.273
2008	68226	52470.692	51866.745	603.947	0.885	1.151	828.542	637.208	629.874	7.334
2009	67509	51823.021	51173.327	649.694	0.962	1.254	809.661	621.533	613.741	7.792

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	1153613.610	6374.919	0.432	0.550	997.213	783.665	779.358	4.307

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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		Null	MRTP			%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	37039.000	28.385	0.017	0.077	2599.72	573.449	573.010	0.439
1992	164548	35863.851	35765.278	98.573	0.060	0.275	2502.33	545.392	543.893	1.499
1993	164362	35459.800	35247.260	212.540	0.129	0.599	2455.45	529.744	526.568	3.175
1994	159866	34293.631	34002.174	291.458	0.182	0.850	2344.16	502.857	498.584	4.274
1995	158083	33531.695	33131.151	400.543	0.253	1.195	2273.86	482.318	476.557	5.761
1996	154875	32438.163	31933.826	504.337	0.326	1.555	2193.60	459.443	452.300	7.143
1997	149970	31179.663	30597.133	582.530	0.388	1.868	2090.14	434.552	426.433	8.119
1998	145407	29860.736	29212.137	648.600	0.446	2.172	1993.81	409.447	400.554	8.894
1999	165952	34413.904	33518.039	895.866	0.540	2.603	2240.15	464.545	452.452	12.093
2000	160260	33265.290	32347.751	917.539	0.573	2.758	2131.87	442.513	430.307	12.206
2001	154444	32074.102	31108.634	965.467	0.625	3.010	2027.95	421.154	408.477	12.677
2002	151887	31817.956	30784.957	1032.999	0.680	3.247	1971.76	413.052	399.642	13.410
2003	146733	31025.931	29874.870	1151.061	0.784	3.710	1884.46	398.460	383.677	14.783
2004	138381	29503.602	28353.490	1150.112	0.831	3.898	1757.38	374.682	360.076	14.606
2005	135881	29077.894	27870.778	1207.116	0.888	4.151	1704.85	364.830	349.685	15.145
2006	131922	28385.448	27125.538	1259.910	0.955	4.439	1639.21	352.707	337.051	15.655
2007	126502	27327.625	25978.848	1348.777	1.066	4.936	1554.75	335.866	319.289	16.577
2008	125859	27025.472	25545.146	1480.326	1.176	5.478	1528.44	328.199	310.222	17.977
2009	122428	26361.626	24782.225	1579.401	1.290	5.991	1468.33	316.165	297.223	18.942

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	622601.135	15755.54	0.526	2.468	2024.64	431.261	420.617	10.644

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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	STROKE

Results for PHIM for Run 11 (APPENDIX_17_Vary_parameter_combinations.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	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.207	15.989	0.050	0.366	488.154	66.474	66.231	0.243
1993	32896	4414.136	4376.971	37.165	0.113	0.842	491.442	65.944	65.389	0.555
1994	33323	4474.895	4421.322	53.573	0.161	1.197	488.625	65.617	64.831	0.786
1995	33569	4476.290	4399.371	76.919	0.229	1.718	482.855	64.387	63.280	1.106
1996	33870	4489.078	4387.496	101.582	0.300	2.263	479.723	63.582	62.143	1.439
1997	33516	4444.866	4318.835	126.032	0.376	2.835	467.113	61.948	60.192	1.757
1998	32795	4313.427	4189.449	123.977	0.378	2.874	449.682	59.145	57.445	1.700
1999	33375	4232.739	4085.071	147.668	0.442	3.489	450.521	57.137	55.143	1.993
2000	33459	4307.577	4160.658	146.919	0.439	3.411	445.090	57.302	55.347	1.954
2001	32275	4136.308	3991.270	145.038	0.449	3.506	423.792	54.312	52.408	1.904
2002	31586	4079.175	3934.341	144.833	0.459	3.551	410.041	52.955	51.075	1.880
2003	30985	4096.221	3920.399	175.822	0.567	4.292	397.934	52.607	50.349	2.258
2004	29884	4034.217	3861.958	172.259	0.576	4.270	379.513	51.233	49.045	2.188
2005	28708	3944.303	3768.672	175.631	0.612	4.453	360.189	49.488	47.284	2.204
2006	28188	3970.169	3780.976	189.193	0.671	4.765	350.253	49.332	46.981	2.351
2007	28026	3957.558	3743.891	213.666	0.762	5.399	344.449	48.640	46.014	2.626
2008	27128	3812.302	3597.490	214.812	0.792	5.635	329.444	46.297	43.688	2.609
2009	27068	3827.467	3584.201	243.266	0.899	6.356	324.637	45.904	42.987	2.918

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	628232	84457.504	81949.165	2508.338	0.399	2.970	424.421	57.058	55.363	1.695

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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	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19354.722	18.602	0.055	0.096	516.166	294.616	294.333	0.283
1993	35913	20512.169	20477.368	34.800	0.097	0.170	536.514	306.437	305.917	0.520
1994	35074	19906.392	19855.649	50.744	0.145	0.255	514.300	291.893	291.149	0.744
1995	34669	19512.784	19437.040	75.744	0.218	0.388	498.677	280.671	279.582	1.089
1996	34582	19294.631	19191.237	103.394	0.299	0.536	489.808	273.283	271.818	1.464
1997	35267	19490.717	19381.875	108.842	0.309	0.558	491.517	271.643	270.126	1.517
1998	35675	19571.902	19393.930	177.972	0.499	0.909	489.172	268.368	265.928	2.440
1999	38516	21022.469	20768.831	253.637	0.659	1.207	519.919	283.777	280.354	3.424
2000	36283	19687.992	19391.116	296.875	0.818	1.508	482.656	261.900	257.951	3.949
2001	36281	19625.032	19298.323	326.709	0.900	1.665	476.394	257.690	253.400	4.290
2002	35983	19408.801	19043.953	364.847	1.014	1.880	467.122	251.960	247.223	4.736
2003	36205	19481.360	19133.613	347.747	0.960	1.785	464.974	250.195	245.729	4.466
2004	34611	18541.224	18198.897	342.328	0.989	1.846	439.544	235.465	231.118	4.347
2005	36826	19692.114	19324.014	368.100	1.000	1.869	462.043	247.070	242.452	4.618
2006	34350	18220.663	17892.527	328.136	0.955	1.801	426.820	226.403	222.326	4.077
2007	35326	18620.282	18289.241	331.040	0.937	1.778	434.168	228.849	224.781	4.069
2008	38248	20183.701	19736.007	447.694	1.171	2.218	464.487	245.112	239.676	5.437
2009	36902	19371.930	18916.576	455.353	1.234	2.351	442.580	232.335	226.874	5.461

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	386001.739	4439.235	0.623	1.137	481.512	263.774	260.775	2.999

Results for PHIM for Run 12 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN6
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_17_Vary_parameter_combinations
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

		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 12 (APPENDIX_17_Vary_parameter_combinations.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	RUN6

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000

Results for PHIM for Run 12 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	117.00	5.28			
5	All Ages	Current MRTP	116.00	1.28					
5	All Ages	Current Dual	76.00	0.84					
5	All Ages	Former	1980.00	21.81			14.87	111.00	5.61

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
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 12 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
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	457.00	54.99					
5	25-29	Current CC	205.00	24.67	10.00	4.18			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	135.00	16.25			5.44	13.00	9.63
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	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.33			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	10.00	1.00					
5	30-34	Former	183.00	18.32			7.72	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	550.00	49.02					
5	35-39	Current CC	301.00	26.83	11.00	3.30			
5	35-39	Current MRTP	22.00	1.96					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	239.00	21.30			8.50	14.00	5.86
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	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
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	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
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	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			15.16	6.00	3.90
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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	105.00	19.59	13.00	11.40			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	162.00	30.22			21.57	7.00	4.32
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	14.00	16.09			
5	70-74	Current MRTP	7.00	1.30					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	172.00	31.91			25.27	2.00	1.16

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	267.00	54.94					
5	75-79	Current CC	49.00	10.08	12.00	20.34			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.01	2.00	1.25

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	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	198.00	8.70			
10	All Ages	Current MRTP	222.00	2.44					
10	All Ages	Current Dual	160.00	1.76					
10	All Ages	Former	1964.00	21.56			16.59	97.00	4.94

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	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	18.00	2.21					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	8.00	0.98			3.88	2.00	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	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.84			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	30.00	3.55					
10	25-29	Former	45.00	5.33			4.87	11.00	24.44

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	423.00	50.90					
10	30-34	Current CC	185.00	22.26	15.00	6.05			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	32.00	3.85					
10	30-34	Former	160.00	19.25			8.75	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	493.00	49.35					
10	35-39	Current CC	257.00	25.73	27.00	8.68			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	25.00	2.50					
10	35-39	Former	195.00	19.52			11.22	7.00	3.59

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	540.00	48.13					
10	40-44	Current CC	265.00	23.62	22.00	7.01			
10	40-44	Current MRTP	32.00	2.85					
10	40-44	Current Dual	17.00	1.52					
10	40-44	Former	268.00	23.89			11.64	15.00	5.60

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	489.00	50.41					
10	45-49	Current CC	189.00	19.48	21.00	9.77			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	266.00	27.42			15.21	11.00	4.14

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 12 (APPENDIX_17_Vary_parameter_combinations.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	129.00	20.77	16.00	11.03			
10	55-59	Current MRTP	11.00	1.77					
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	114.00	21.31	11.00	8.87			
10	60-64	Current MRTP	6.00	1.12					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	159.00	29.72			18.99	3.00	1.89
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	92.00	18.85	12.00	11.88			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	137.00	28.07			24.10	2.00	1.46
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	87.00	16.23	18.00	17.14			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	7.00	1.31					
10	70-74	Former	171.00	31.90			24.25	9.00	5.26
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	31.00	34.44			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	8.00	1.48					
10	75-79	Former	169.00	31.35			28.16	8.00	4.73
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	4463.00	52.08					
15	All Ages	Current CC	1637.00	19.10	248.00	11.65			
15	All Ages	Current MRTP	289.00	3.37					
15	All Ages	Current Dual	203.00	2.37					
15	All Ages	Former	1978.00	23.08			17.83	115.00	5.81
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	569.00	69.99					
15	25-29	Current CC	150.00	18.45	1.00	0.45			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	23.00	2.83			3.74	11.00	47.83
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	482.00	57.11					

Results for PHIM for Run 12 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	196.00	23.22	8.00	2.74			
15	30-34	Current MRTP	52.00	6.16					
15	30-34	Current Dual	44.00	5.21					
15	30-34	Former	70.00	8.29			6.50	14.00	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	409.00	49.22					
15	35-39	Current CC	163.00	19.61	25.00	10.64			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	35.00	4.21					
15	35-39	Former	187.00	22.50			11.59	8.00	4.28
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	48.95					
15	40-44	Current CC	226.00	22.62	36.00	12.24			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	32.00	3.20					
15	40-44	Former	216.00	21.62			14.18	10.00	4.63
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	540.00	48.13					
15	45-49	Current CC	231.00	20.59	30.00	10.27			
15	45-49	Current MRTP	40.00	3.57					
15	45-49	Current Dual	21.00	1.87					
15	45-49	Former	290.00	25.85			14.94	12.00	4.14
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	489.00	50.41					
15	50-54	Current CC	165.00	17.01	31.00	15.66			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	14.00	1.44					
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	15.85			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	225.00	27.74			17.80	12.00	5.33
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	109.00	17.55	19.00	14.96			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	193.00	31.08			20.61	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	103.00	19.25	24.00	20.69			
15	65-69	Current MRTP	10.00	1.87					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
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	19.78			
15	70-74	Current MRTP	10.00	2.05					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	147.00	30.12			25.52	5.00	3.40
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	260.00	48.51					
15	75-79	Current CC	74.00	13.81	30.00	30.30			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	10.00	1.87					
15	75-79	Former	177.00	33.02			26.24	12.00	6.78
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	4144.00	51.58					
20	All Ages	Current CC	1394.00	17.35	279.00	14.37			

Results for PHIM for Run 12 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	324.00	4.03					
20	All Ages	Current Dual	224.00	2.79					
20	All Ages	Former	1948.00	24.25			19.50	93.00	4.77

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	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.28			
20	30-34	Current MRTP	54.00	6.64					
20	30-34	Current Dual	36.00	4.43					
20	30-34	Former	42.00	5.17			5.64	8.00	19.05

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	466.00	55.21					
20	35-39	Current CC	169.00	20.02	12.00	4.32			
20	35-39	Current MRTP	61.00	7.23					
20	35-39	Current Dual	48.00	5.69					
20	35-39	Former	100.00	11.85			8.10	18.00	18.00

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	399.00	48.01					
20	40-44	Current CC	143.00	17.21	30.00	13.39			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	41.00	4.93					
20	40-44	Former	208.00	25.03			14.70	5.00	2.40

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	48.95					
20	45-49	Current CC	208.00	20.82	41.00	14.64			
20	45-49	Current MRTP	39.00	3.90					
20	45-49	Current Dual	33.00	3.30					
20	45-49	Former	230.00	23.02			17.32	6.00	2.61

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	540.00	48.13					
20	50-54	Current CC	203.00	18.09	39.00	14.34			
20	50-54	Current MRTP	44.00	3.92					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	310.00	27.63			17.88	13.00	4.19

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	489.00	50.41					
20	55-59	Current CC	149.00	15.36	36.00	19.67			
20	55-59	Current MRTP	20.00	2.06					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	298.00	30.72			21.08	9.00	3.02

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	122.00	15.04	37.00	23.57			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 12 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	232.00	28.61			21.06	10.00	4.31

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	99.00	15.94	27.00	22.13			
20	65-69	Current MRTP	15.00	2.42					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	198.00	31.88			23.88	5.00	2.53

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	89.00	16.64	28.00	26.17			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	176.00	32.90			24.77	8.00	4.55

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	26.00	30.95			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	154.00	31.56			26.59	11.00	7.14

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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	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60199.074	27.068	0.014	0.045	2778.64	842.922	842.543	0.379
1993	202512	62332.320	62279.362	52.958	0.026	0.085	2793.47	859.818	859.087	0.731
1994	200658	62691.239	62622.144	69.095	0.034	0.110	2725.82	851.622	850.684	0.939
1995	201023	63132.954	63026.694	106.261	0.053	0.168	2687.54	844.043	842.623	1.421
1996	201180	64309.880	64278.205	31.676	0.016	0.049	2653.67	848.280	847.862	0.418
1997	198639	64547.894	64491.262	56.632	0.029	0.088	2583.39	839.475	838.738	0.737
1998	197573	65384.866	65269.059	115.807	0.059	0.177	2533.29	838.367	836.882	1.485
1999	211329	67554.762	67336.542	218.219	0.103	0.323	2673.14	854.513	851.753	2.760
2000	208496	68184.366	67916.692	267.674	0.128	0.393	2604.20	851.652	848.308	3.343
2001	203606	68286.060	67855.803	430.257	0.211	0.630	2514.65	843.372	838.058	5.314
2002	200828	68983.996	68557.388	426.608	0.212	0.618	2455.47	843.450	838.234	5.216
2003	196352	68717.830	68104.169	613.661	0.313	0.893	2377.49	832.057	824.627	7.430
2004	188160	67344.952	66492.073	852.878	0.453	1.266	2254.66	806.974	796.754	10.220
2005	186416	67846.650	66841.576	1005.074	0.539	1.481	2208.07	803.634	791.729	11.905
2006	180088	66622.465	65186.149	1436.316	0.798	2.156	2113.55	781.893	765.037	16.857
2007	175644	65977.201	64301.797	1675.404	0.954	2.539	2039.92	766.256	746.798	19.458
2008	177570	67121.344	65318.610	1802.734	1.015	2.686	2039.03	770.751	750.050	20.701
2009	172806	66622.993	64533.762	2089.231	1.209	3.136	1961.22	756.123	732.411	23.711

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	1291020.286	11296.08	0.290	0.867	2465.77	823.300	816.159	7.141

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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_17_Vary_parameter_combinations.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	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.966	6.480	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33456.061	11.674	0.025	0.035	638.542	461.657	461.496	0.161
1994	47017	33989.389	33976.659	12.730	0.027	0.037	638.697	461.725	461.552	0.173
1995	47840	34566.580	34544.819	21.761	0.045	0.063	639.587	462.131	461.840	0.291
1996	48244	34997.958	35006.264	-8.307	-0.017	-0.024	636.363	461.641	461.750	-0.110
1997	49035	35549.658	35548.375	1.283	0.003	0.004	637.723	462.340	462.323	0.017
1998	49686	36138.033	36129.429	8.604	0.017	0.024	637.076	463.363	463.253	0.110
1999	48883	35506.142	35481.874	24.268	0.050	0.068	618.331	449.124	448.817	0.307
2000	50331	36573.306	36530.806	42.500	0.084	0.116	628.656	456.816	456.285	0.531
2001	50389	36733.445	36653.321	80.125	0.159	0.218	622.333	453.679	452.690	0.990
2002	51445	37627.700	37539.942	87.758	0.171	0.233	629.005	460.065	458.992	1.073
2003	51408	37552.784	37399.969	152.815	0.297	0.407	622.464	454.701	452.851	1.850
2004	51399	37527.823	37301.403	226.420	0.441	0.603	615.898	449.684	446.971	2.713
2005	51421	37486.186	37224.388	261.798	0.509	0.698	609.074	444.018	440.917	3.101
2006	51355	37409.496	36987.324	422.172	0.822	1.129	602.712	439.045	434.090	4.955
2007	51839	37602.867	37099.030	503.837	0.972	1.340	602.056	436.718	430.867	5.852
2008	50976	36986.957	36467.432	519.524	1.019	1.405	585.355	424.719	418.754	5.966
2009	51193	37201.944	36566.378	635.566	1.242	1.708	581.003	422.215	415.002	7.213

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	708887.632	3017.207	0.308	0.424	619.890	450.053	448.145	1.907

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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 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	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12326.022	11.973	0.013	0.097	1311.71	172.682	172.514	0.168
1993	93679	12401.934	12375.898	26.036	0.028	0.210	1292.22	171.073	170.714	0.359
1994	90832	12128.576	12089.768	38.808	0.043	0.320	1233.90	164.759	164.232	0.527
1995	89698	11958.696	11904.536	54.160	0.060	0.453	1199.20	159.879	159.155	0.724
1996	88286	12020.749	11974.997	45.752	0.052	0.381	1164.54	158.560	157.956	0.603
1997	84777	11593.724	11534.263	59.460	0.070	0.513	1102.56	150.782	150.008	0.773
1998	82517	11337.035	11240.601	96.434	0.117	0.851	1058.04	145.364	144.127	1.236
1999	93939	13027.458	12862.165	165.292	0.176	1.269	1188.25	164.787	162.696	2.091
2000	90039	12607.547	12438.599	168.949	0.188	1.340	1124.63	157.474	155.363	2.110
2001	86119	12350.451	12099.269	251.181	0.292	2.034	1063.62	152.535	149.433	3.102
2002	83014	12112.097	11852.703	259.394	0.312	2.142	1014.99	148.092	144.920	3.172
2003	79302	11683.252	11377.265	305.987	0.386	2.619	960.214	141.465	137.760	3.705
2004	73861	11139.095	10744.090	395.005	0.535	3.546	885.053	133.476	128.743	4.733
2005	71649	10884.683	10435.295	449.388	0.627	4.129	848.672	128.927	123.605	5.323
2006	67551	10397.565	9838.659	558.905	0.827	5.375	792.791	122.028	115.468	6.559
2007	63503	9785.831	9139.797	646.034	1.017	6.602	737.521	113.652	106.149	7.503
2008	63171	9922.524	9225.112	697.412	1.104	7.029	725.389	113.940	105.931	8.008
2009	59747	9483.598	8726.597	757.001	1.267	7.982	678.085	107.632	99.041	8.591

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	227490.999	4991.551	0.302	2.147	1043.56	146.971	143.816	3.156

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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_17_Vary_parameter_combinations.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	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.249	4.199	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3107.606	6.910	0.021	0.222	452.005	42.962	42.867	0.095
1994	33005	3168.398	3157.468	10.930	0.033	0.345	448.353	43.041	42.892	0.148
1995	33730	3200.274	3184.007	16.268	0.048	0.508	450.946	42.785	42.568	0.217
1996	33750	3234.738	3218.341	16.397	0.049	0.507	445.180	42.668	42.452	0.216
1997	33699	3240.665	3228.857	11.807	0.035	0.364	438.271	42.146	41.993	0.154
1998	33274	3171.578	3144.865	26.713	0.080	0.842	426.640	40.666	40.324	0.343
1999	33891	3153.786	3110.398	43.389	0.128	1.376	428.694	39.893	39.344	0.549
2000	33827	3237.043	3182.672	54.371	0.161	1.680	422.514	40.432	39.753	0.679
2001	32506	3110.972	3028.553	82.419	0.254	2.649	401.468	38.422	37.404	1.018
2002	32078	3123.298	3036.616	86.682	0.270	2.775	392.210	38.188	37.128	1.060
2003	30568	3025.984	2929.182	96.802	0.317	3.199	370.127	36.640	35.467	1.172
2004	29388	2983.453	2853.868	129.585	0.441	4.343	352.147	35.750	34.197	1.553
2005	27954	2926.679	2774.503	152.176	0.544	5.200	331.111	34.666	32.864	1.803
2006	27201	2889.308	2703.645	185.663	0.683	6.426	319.236	33.909	31.730	2.179
2007	26302	2810.025	2591.863	218.162	0.829	7.764	305.470	32.636	30.102	2.534
2008	25998	2773.025	2544.820	228.205	0.878	8.229	298.534	31.843	29.222	2.620
2009	25040	2723.293	2468.507	254.786	1.018	9.356	284.186	30.907	28.016	2.892

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	59663.842	1627.901	0.261	2.656	394.195	38.747	37.718	1.029

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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	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.836	4.416	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13339.797	8.337	0.028	0.062	410.705	184.125	184.010	0.115
1994	29804	13404.876	13398.249	6.627	0.022	0.049	404.869	182.097	182.007	0.090
1995	29755	13407.404	13393.332	14.072	0.047	0.105	397.803	179.248	179.059	0.188
1996	30900	14056.435	14078.602	-22.167	-0.072	-0.158	407.587	185.412	185.704	-0.292
1997	31128	14163.848	14179.767	-15.919	-0.051	-0.112	404.834	184.207	184.414	-0.207
1998	32096	14738.220	14754.164	-15.944	-0.050	-0.108	411.536	188.974	189.178	-0.204
1999	34616	15867.376	15882.105	-14.729	-0.043	-0.093	437.865	200.710	200.896	-0.186
2000	34299	15766.470	15764.615	1.855	0.005	0.012	428.409	196.930	196.907	0.023
2001	34592	16091.193	16074.660	16.532	0.048	0.103	427.231	198.736	198.531	0.204
2002	34291	16120.902	16128.128	-7.226	-0.021	-0.045	419.268	197.106	197.195	-0.088
2003	35074	16455.810	16397.753	58.057	0.166	0.353	424.687	199.252	198.549	0.703
2004	33512	15694.580	15592.712	101.868	0.304	0.649	401.564	188.063	186.843	1.221
2005	35392	16549.102	16407.390	141.712	0.400	0.856	419.213	196.022	194.343	1.679
2006	33981	15926.096	15656.521	269.575	0.793	1.693	398.807	186.912	183.748	3.164
2007	34000	15778.477	15471.107	307.370	0.904	1.948	394.875	183.251	179.681	3.570
2008	37425	17438.838	17081.245	357.593	0.955	2.051	429.749	200.249	196.143	4.106
2009	36826	17214.158	16772.280	441.878	1.200	2.567	417.948	195.368	190.353	5.015

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	294977.813	1659.420	0.257	0.559	408.132	187.528	186.479	1.049

Results for PHIM for Run 13 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN7
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_17_Vary_parameter_combinations
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

		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 13 (APPENDIX_17_Vary_parameter_combinations.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: 13, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN7

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000

Results for PHIM for Run 13 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2504.00	27.29	128.00	4.78			
5	All Ages	Current MRTP	91.00	0.99					
5	All Ages	Current Dual	84.00	0.92					
5	All Ages	Former	2598.00	28.31			15.60	144.00	5.54

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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 13 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	9.00	0.98					
5	20-24	Former	28.00	3.06			2.79	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	527.00	55.01					
5	25-29	Current CC	286.00	29.85	3.00	0.94			
5	25-29	Current MRTP	16.00	1.67					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	113.00	11.80			5.02	19.00	16.81
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	487.00	45.34					
5	30-34	Current CC	357.00	33.24	8.00	2.12			
5	30-34	Current MRTP	10.00	0.93					
5	30-34	Current Dual	11.00	1.02					
5	30-34	Former	209.00	19.46			6.24	28.00	13.40
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	474.00	43.77					
5	35-39	Current CC	338.00	31.21	14.00	3.93			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
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	402.00	41.32					
5	40-44	Current CC	288.00	29.60	13.00	4.32			
5	40-44	Current MRTP	6.00	0.62					
5	40-44	Current Dual	7.00	0.72					
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	4.33			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	9.00	1.05					
5	45-49	Former	297.00	34.58			13.87	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	196.00	31.11	14.00	6.86			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	234.00	37.14			17.41	8.00	3.42
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	9.00	6.16			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	223.00	42.56			16.88	13.00	5.83
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	114.00	22.14	13.00	10.48			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	4.00	0.78					
5	60-64	Former	250.00	48.54			18.68	7.00	2.80
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	13.00	10.48			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	256.00	51.20			22.18	8.00	3.13
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_17_Vary_parameter_combinations.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	18.00	20.22			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	253.00	56.47			23.10	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	75.00	20.89	12.00	15.19			
5	75-79	Current MRTP	1.00	0.28					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	212.00	59.05			24.30	6.00	2.83

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	4083.00	43.55					
10	All Ages	Current CC	2380.00	25.39	202.00	7.56			
10	All Ages	Current MRTP	180.00	1.92					
10	All Ages	Current Dual	111.00	1.18					
10	All Ages	Former	2621.00	27.96			17.23	173.00	6.60

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	679.00	75.78					
10	20-24	Current CC	178.00	19.87	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	11.00	1.23			2.82	4.00	36.36

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	1.62			
10	25-29	Current MRTP	31.00	3.39					
10	25-29	Current Dual	28.00	3.06					
10	25-29	Former	54.00	5.90			4.50	16.00	29.63

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	483.00	50.42					
10	30-34	Current CC	264.00	27.56	6.00	1.90			
10	30-34	Current MRTP	32.00	3.34					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	159.00	16.60			7.35	21.00	13.21

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	474.00	44.13					
10	35-39	Current CC	331.00	30.82	21.00	5.75			
10	35-39	Current MRTP	21.00	1.96					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	235.00	21.88			9.77	18.00	7.66

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	470.00	43.40					
10	40-44	Current CC	294.00	27.15	22.00	6.98			
10	40-44	Current MRTP	16.00	1.48					
10	40-44	Current Dual	5.00	0.46					
10	40-44	Former	298.00	27.52			10.59	28.00	9.40

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	402.00	41.32					
10	45-49	Current CC	270.00	27.75	25.00	8.68			
10	45-49	Current MRTP	11.00	1.13					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	283.00	29.09			15.89	16.00	5.65

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 13 (APPENDIX_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	217.00	25.26	25.00	10.33			
10	50-54	Current MRTP	15.00	1.75					
10	50-54	Current Dual	10.00	1.16					
10	50-54	Former	309.00	35.97			17.19	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	172.00	27.30	22.00	11.89			
10	55-59	Current MRTP	10.00	1.59					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	253.00	40.16			20.07	11.00	4.35
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	13.00	9.56			
10	60-64	Current MRTP	1.00	0.19					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	233.00	44.47			20.09	9.00	3.86
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	104.00	20.19	17.00	14.78			
10	65-69	Current MRTP	8.00	1.55					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	259.00	50.29			21.45	11.00	4.25
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	30.00	24.19			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	256.00	51.20			24.84	14.00	5.47
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	16.00	22.54			
10	75-79	Current MRTP	8.00	1.79					
10	75-79	Current Dual	2.00	0.45					
10	75-79	Former	271.00	60.49			24.99	16.00	5.90
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	3856.00	43.19					
15	All Ages	Current CC	2155.00	24.14	269.00	10.72			
15	All Ages	Current MRTP	229.00	2.57					
15	All Ages	Current Dual	125.00	1.40					
15	All Ages	Former	2562.00	28.70			18.61	152.00	5.93
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	608.00	67.86					
15	25-29	Current CC	193.00	21.54	0.00	0.00			
15	25-29	Current MRTP	38.00	4.24					
15	25-29	Current Dual	19.00	2.12					
15	25-29	Former	38.00	4.24			3.39	13.00	34.21
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	520.00	56.83					

Results for PHIM for Run 13 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	235.00	25.68	9.00	2.96			
15	30-34	Current MRTP	41.00	4.48					
15	30-34	Current Dual	28.00	3.06					
15	30-34	Former	91.00	9.95			5.87	21.00	23.08
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	468.00	48.85					
15	35-39	Current CC	245.00	25.57	16.00	5.30			
15	35-39	Current MRTP	35.00	3.65					
15	35-39	Current Dual	22.00	2.30					
15	35-39	Former	188.00	19.62			10.11	20.00	10.64
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	472.00	43.95					
15	40-44	Current CC	297.00	27.65	28.00	8.36			
15	40-44	Current MRTP	25.00	2.33					
15	40-44	Current Dual	13.00	1.21					
15	40-44	Former	267.00	24.86			12.62	15.00	5.62
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	470.00	43.40					
15	45-49	Current CC	271.00	25.02	31.00	10.54			
15	45-49	Current MRTP	19.00	1.75					
15	45-49	Current Dual	4.00	0.37					
15	45-49	Former	319.00	29.46			14.17	14.00	4.39
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	402.00	41.32					
15	50-54	Current CC	231.00	23.74	33.00	12.94			
15	50-54	Current MRTP	16.00	1.64					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	316.00	32.48			18.28	15.00	4.75
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	198.00	23.05	32.00	14.41			
15	55-59	Current MRTP	15.00	1.75					
15	55-59	Current Dual	9.00	1.05					
15	55-59	Former	329.00	38.30			20.16	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	161.00	25.56	30.00	16.95			
15	60-64	Current MRTP	13.00	2.06					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	261.00	41.43			22.97	11.00	4.21
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	127.00	24.24	28.00	20.44			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	7.00	1.34					
15	65-69	Former	232.00	44.27			23.36	5.00	2.16
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	95.00	18.45	24.00	21.24			
15	70-74	Current MRTP	11.00	2.14					
15	70-74	Current Dual	7.00	1.36					
15	70-74	Former	261.00	50.68			24.74	8.00	3.07
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	102.00	20.40	38.00	31.67			
15	75-79	Current MRTP	13.00	2.60					
15	75-79	Current Dual	5.00	1.00					
15	75-79	Former	260.00	52.00			26.73	12.00	4.62
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	3676.00	43.62					
20	All Ages	Current CC	1868.00	22.17	300.00	13.52			

Results for PHIM for Run 13 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	232.00	2.75					
20	All Ages	Current Dual	119.00	1.41					
20	All Ages	Former	2532.00	30.05			19.50	159.00	6.28

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	575.00	64.17					
20	30-34	Current CC	190.00	21.21	3.00	1.20			
20	30-34	Current MRTP	39.00	4.35					
20	30-34	Current Dual	20.00	2.23					
20	30-34	Former	72.00	8.04			5.29	16.00	22.22

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	502.00	54.86					
20	35-39	Current CC	220.00	24.04	14.00	4.86			
20	35-39	Current MRTP	44.00	4.81					
20	35-39	Current Dual	24.00	2.62					
20	35-39	Former	125.00	13.66			8.04	15.00	12.00

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	459.00	47.91					
20	40-44	Current CC	229.00	23.90	24.00	8.51			
20	40-44	Current MRTP	34.00	3.55					
20	40-44	Current Dual	19.00	1.98					
20	40-44	Former	217.00	22.65			12.68	18.00	8.29

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	472.00	43.95					
20	45-49	Current CC	280.00	26.07	37.00	11.75			
20	45-49	Current MRTP	24.00	2.23					
20	45-49	Current Dual	11.00	1.02					
20	45-49	Former	287.00	26.72			15.63	21.00	7.32

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	470.00	43.40					
20	50-54	Current CC	235.00	21.70	40.00	15.21			
20	50-54	Current MRTP	26.00	2.40					
20	50-54	Current Dual	2.00	0.18					
20	50-54	Former	350.00	32.32			16.81	17.00	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	402.00	41.32					
20	55-59	Current CC	212.00	21.79	37.00	16.09			
20	55-59	Current MRTP	11.00	1.13					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	341.00	35.05			20.76	16.00	4.69

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	180.00	20.95	44.00	20.66			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 13 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	12.00	1.40					
20	60-64	Former	338.00	39.35			22.92	12.00	3.55

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	192.00	30.48					
20	65-69	Current CC	134.00	21.27	35.00	22.01			
20	65-69	Current MRTP	18.00	2.86					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	279.00	44.29			24.25	16.00	5.73

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	109.00	20.80	35.00	28.00			
20	70-74	Current MRTP	9.00	1.72					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	244.00	46.56			25.41	11.00	4.51

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	31.00	32.63			
20	75-79	Current MRTP	6.00	1.17					
20	75-79	Current Dual	10.00	1.94					
20	75-79	Former	279.00	54.17			25.34	17.00	6.09

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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	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121977.270	166.448	0.054	0.136	4692.62	1857.47	1854.94	2.531
1993	311713	123269.216	122925.654	343.562	0.110	0.279	4656.77	1841.55	1836.42	5.133
1994	305700	120480.723	120004.442	476.282	0.156	0.395	4482.57	1766.64	1759.66	6.984
1995	303225	118666.569	117998.132	668.436	0.220	0.563	4361.58	1706.89	1697.28	9.615
1996	299559	116607.195	115750.006	857.188	0.286	0.735	4242.85	1651.58	1639.44	12.141
1997	294226	114665.051	113696.209	968.842	0.329	0.845	4100.64	1598.09	1584.59	13.503
1998	289258	113038.380	111869.328	1169.052	0.404	1.034	3966.28	1549.97	1533.94	16.030
1999	311002	117067.463	115505.141	1562.322	0.502	1.335	4198.14	1580.27	1559.18	21.089
2000	303786	114977.407	113261.246	1716.162	0.565	1.493	4041.13	1529.49	1506.66	22.829
2001	296294	113047.319	111207.597	1839.722	0.621	1.627	3890.54	1484.39	1460.23	24.157
2002	291898	111744.742	109733.215	2011.527	0.689	1.800	3789.34	1450.64	1424.53	26.113
2003	285865	110551.854	108408.875	2142.979	0.750	1.938	3671.31	1419.80	1392.27	27.522
2004	274177	107418.262	105298.949	2119.313	0.773	1.973	3481.92	1364.16	1337.25	26.914
2005	272379	107678.770	105527.515	2151.255	0.790	1.998	3417.44	1351.01	1324.02	26.991
2006	264118	104357.806	102199.649	2158.158	0.817	2.068	3281.83	1296.71	1269.89	26.816
2007	258419	102690.449	100450.826	2239.624	0.867	2.181	3176.05	1262.10	1234.57	27.526
2008	259461	103492.166	100957.303	2534.864	0.977	2.449	3150.91	1256.82	1226.03	30.784
2009	253907	101384.044	98693.224	2690.820	1.060	2.654	3045.20	1215.94	1183.67	32.272

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	2245375.328	27868.35	0.479	1.226	3927.78	1535.76	1516.93	18.827

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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_17_Vary_parameter_combinations.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	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62500.328	35.019	0.045	0.056	1185.97	950.993	950.461	0.533
1993	78542	62883.111	62817.016	66.095	0.084	0.105	1173.36	939.428	938.441	0.987
1994	77437	61805.804	61711.261	94.543	0.122	0.153	1135.48	906.276	904.890	1.386
1995	76904	61145.799	61010.355	135.445	0.176	0.222	1106.18	879.519	877.570	1.948
1996	76232	60385.323	60209.049	176.274	0.231	0.292	1079.72	855.277	852.780	2.497
1997	75473	59549.806	59364.022	185.783	0.246	0.312	1051.87	829.947	827.358	2.589
1998	75381	59292.315	59030.524	261.791	0.347	0.442	1033.62	813.010	809.420	3.590
1999	73159	57398.351	57074.000	324.351	0.443	0.565	987.557	774.807	770.429	4.378
2000	73784	57716.549	57318.491	398.058	0.539	0.690	981.515	767.777	762.482	5.295
2001	73294	57211.877	56779.167	432.711	0.590	0.756	962.399	751.230	745.548	5.682
2002	72442	56438.810	55960.745	478.065	0.660	0.847	940.422	732.673	726.467	6.206
2003	71942	55948.341	55465.687	482.654	0.671	0.863	923.937	718.533	712.335	6.199
2004	71301	55339.218	54847.141	492.077	0.690	0.889	905.490	702.783	696.534	6.249
2005	70964	54964.459	54479.983	484.476	0.683	0.881	890.360	689.620	683.541	6.079
2006	69658	53781.526	53300.666	480.860	0.690	0.894	865.543	668.268	662.293	5.975
2007	68565	52784.985	52299.783	485.201	0.708	0.919	842.687	648.745	642.782	5.963
2008	68226	52470.692	51904.143	566.549	0.830	1.080	828.542	637.208	630.328	6.880
2009	67509	51823.021	51214.998	608.023	0.901	1.173	809.661	621.533	614.241	7.292

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	1153787.805	6200.724	0.420	0.535	997.213	783.665	779.476	4.189

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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	37039.000	28.385	0.017	0.077	2599.72	573.449	573.010	0.439
1992	164548	35863.851	35765.754	98.097	0.060	0.274	2502.33	545.392	543.900	1.492
1993	164362	35459.800	35250.809	208.992	0.127	0.589	2455.45	529.744	526.621	3.122
1994	159866	34293.631	34009.705	283.926	0.178	0.828	2344.16	502.857	498.694	4.163
1995	158083	33531.695	33143.213	388.482	0.246	1.159	2273.86	482.318	476.731	5.588
1996	154875	32438.163	31951.863	486.300	0.314	1.499	2193.60	459.443	452.555	6.888
1997	149970	31179.663	30616.944	562.718	0.375	1.805	2090.14	434.552	426.709	7.843
1998	145407	29860.736	29239.408	621.329	0.427	2.081	1993.81	409.447	400.928	8.520
1999	165952	34413.904	33558.949	854.955	0.515	2.484	2240.15	464.545	453.005	11.541
2000	160260	33265.290	32383.867	881.423	0.550	2.650	2131.87	442.513	430.788	11.725
2001	154444	32074.102	31136.431	937.670	0.607	2.923	2027.95	421.154	408.842	12.312
2002	151887	31817.956	30804.046	1013.911	0.668	3.187	1971.76	413.052	399.890	13.162
2003	146733	31025.931	29897.726	1128.206	0.769	3.636	1884.46	398.460	383.971	14.489
2004	138381	29503.602	28390.484	1113.118	0.804	3.773	1757.38	374.682	360.546	14.136
2005	135881	29077.894	27940.191	1137.703	0.837	3.913	1704.85	364.830	350.556	14.274
2006	131922	28385.448	27211.924	1173.524	0.890	4.134	1639.21	352.707	338.125	14.582
2007	126502	27327.625	26092.035	1235.591	0.977	4.521	1554.75	335.866	320.680	15.186
2008	125859	27025.472	25678.341	1347.131	1.070	4.985	1528.44	328.199	311.840	16.360
2009	122428	26361.626	24932.779	1428.847	1.167	5.420	1468.33	316.165	299.028	17.137

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	623426.368	14930.31	0.498	2.339	2024.64	431.261	421.174	10.087

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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_17_Vary_parameter_combinations.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	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.874	15.322	0.048	0.351	488.154	66.474	66.241	0.233
1993	32896	4414.136	4378.400	35.736	0.109	0.810	491.442	65.944	65.410	0.534
1994	33323	4474.895	4424.014	50.882	0.153	1.137	488.625	65.617	64.871	0.746
1995	33569	4476.290	4401.421	74.869	0.223	1.673	482.855	64.387	63.310	1.077
1996	33870	4489.078	4390.873	98.206	0.290	2.188	479.723	63.582	62.191	1.391
1997	33516	4444.866	4321.920	122.947	0.367	2.766	467.113	61.948	60.235	1.714
1998	32795	4313.427	4192.550	120.877	0.369	2.802	449.682	59.145	57.488	1.657
1999	33375	4232.739	4089.714	143.024	0.429	3.379	450.521	57.137	55.206	1.931
2000	33459	4307.577	4165.622	141.956	0.424	3.295	445.090	57.302	55.413	1.888
2001	32275	4136.308	3992.589	143.720	0.445	3.475	423.792	54.312	52.425	1.887
2002	31586	4079.175	3934.233	144.942	0.459	3.553	410.041	52.955	51.073	1.882
2003	30985	4096.221	3921.603	174.618	0.564	4.263	397.934	52.607	50.364	2.243
2004	29884	4034.217	3865.115	169.102	0.566	4.192	379.513	51.233	49.085	2.148
2005	28708	3944.303	3776.867	167.436	0.583	4.245	360.189	49.488	47.387	2.101
2006	28188	3970.169	3793.693	176.476	0.626	4.445	350.253	49.332	47.139	2.193
2007	28026	3957.558	3761.542	196.016	0.699	4.953	344.449	48.640	46.231	2.409
2008	27128	3812.302	3618.765	193.536	0.713	5.077	329.444	46.297	43.947	2.350
2009	27068	3827.467	3608.941	218.526	0.807	5.709	324.637	45.904	43.283	2.621

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	82065.321	2392.183	0.381	2.832	424.421	57.058	55.442	1.616

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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	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19355.315	18.009	0.053	0.093	516.166	294.616	294.342	0.274
1993	35913	20512.169	20479.430	32.739	0.091	0.160	536.514	306.437	305.948	0.489
1994	35074	19906.392	19859.462	46.930	0.134	0.236	514.300	291.893	291.205	0.688
1995	34669	19512.784	19443.144	69.641	0.201	0.357	498.677	280.671	279.669	1.002
1996	34582	19294.631	19198.222	96.409	0.279	0.500	489.808	273.283	271.917	1.366
1997	35267	19490.717	19393.322	97.394	0.276	0.500	491.517	271.643	270.285	1.357
1998	35675	19571.902	19406.846	165.056	0.463	0.843	489.172	268.368	266.105	2.263
1999	38516	21022.469	20782.477	239.992	0.623	1.142	519.919	283.777	280.538	3.240
2000	36283	19687.992	19393.266	294.725	0.812	1.497	482.656	261.900	257.980	3.921
2001	36281	19625.032	19299.410	325.621	0.897	1.659	476.394	257.690	253.414	4.276
2002	35983	19408.801	19034.191	374.610	1.041	1.930	467.122	251.960	247.097	4.863
2003	36205	19481.360	19123.858	357.502	0.987	1.835	464.974	250.195	245.604	4.591
2004	34611	18541.224	18196.209	345.016	0.997	1.861	439.544	235.465	231.084	4.382
2005	36826	19692.114	19330.475	361.639	0.982	1.836	462.043	247.070	242.533	4.537
2006	34350	18220.663	17893.365	327.298	0.953	1.796	426.820	226.403	222.336	4.067
2007	35326	18620.282	18297.466	322.816	0.914	1.734	434.168	228.849	224.882	3.968
2008	38248	20183.701	19756.053	427.647	1.118	2.119	464.487	245.112	239.919	5.193
2009	36902	19371.930	18936.506	435.424	1.180	2.248	442.580	232.335	227.113	5.222

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	386095.835	4345.138	0.610	1.113	481.512	263.774	260.839	2.935

Results for PHIM for Run 14 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN7
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_17_Vary_parameter_combinations
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

		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 14 (APPENDIX_17_Vary_parameter_combinations.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: 14, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN7

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000

Results for PHIM for Run 14 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2042.00	22.49	103.00	4.68			
5	All Ages	Current MRTP	98.00	1.08					
5	All Ages	Current Dual	63.00	0.69					
5	All Ages	Former	1995.00	21.97			14.77	124.00	6.22

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
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 14 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.23			
5	20-24	Current MRTP	14.00	1.66					
5	20-24	Current Dual	10.00	1.18					
5	20-24	Former	25.00	2.96			2.88	10.00	40.00
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	457.00	54.99					
5	25-29	Current CC	206.00	24.79	9.00	3.81			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	12.00	1.44					
5	25-29	Former	138.00	16.61			5.33	16.00	11.59
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	516.00	51.65					
5	30-34	Current CC	282.00	28.23	14.00	4.64			
5	30-34	Current MRTP	11.00	1.10					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.79	14.00	7.73
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	550.00	49.02					
5	35-39	Current CC	305.00	27.18	9.00	2.71			
5	35-39	Current MRTP	19.00	1.69					
5	35-39	Current Dual	8.00	0.71					
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	489.00	50.41					
5	40-44	Current CC	215.00	22.16	8.00	3.49			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	6.00	0.62					
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	7.00	3.78			
5	45-49	Current MRTP	3.00	0.37					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.22	14.00	6.86
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	8.00	5.23			
5	50-54	Current MRTP	5.00	0.81					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	167.00	26.89			15.27	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	125.00	23.36	6.00	4.69			
5	55-59	Current MRTP	2.00	0.37					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.07	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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	1.00	0.19					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	79.00	14.66	12.00	14.12			
5	70-74	Current MRTP	3.00	0.56					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	174.00	32.28			24.97	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	10.00	17.54			
5	75-79	Current MRTP	4.00	0.82					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	162.00	33.33			27.68	4.00	2.47

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	4869.00	53.45					
10	All Ages	Current CC	1943.00	21.33	172.00	7.75			
10	All Ages	Current MRTP	167.00	1.83					
10	All Ages	Current Dual	109.00	1.20					
10	All Ages	Former	2021.00	22.19			16.19	124.00	6.14

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	632.00	77.74					
10	20-24	Current CC	146.00	17.96	0.00	0.00			
10	20-24	Current MRTP	12.00	1.48					
10	20-24	Current Dual	11.00	1.35					
10	20-24	Former	12.00	1.48			2.83	6.00	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	527.00	62.44					
10	25-29	Current CC	214.00	25.36	4.00	1.50			
10	25-29	Current MRTP	29.00	3.44					
10	25-29	Current Dual	23.00	2.73					
10	25-29	Former	51.00	6.04			4.75	12.00	23.53

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	423.00	50.90					
10	30-34	Current CC	197.00	23.71	15.00	6.28			
10	30-34	Current MRTP	21.00	2.53					
10	30-34	Current Dual	21.00	2.53					
10	30-34	Former	169.00	20.34			8.34	21.00	12.43

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	493.00	49.35					
10	35-39	Current CC	263.00	26.33	26.00	8.44			
10	35-39	Current MRTP	25.00	2.50					
10	35-39	Current Dual	20.00	2.00					
10	35-39	Former	198.00	19.82			11.02	10.00	5.05

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	540.00	48.13					
10	40-44	Current CC	272.00	24.24	18.00	5.90			
10	40-44	Current MRTP	24.00	2.14					
10	40-44	Current Dual	9.00	0.80					
10	40-44	Former	277.00	24.69			11.38	16.00	5.78

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	489.00	50.41					
10	45-49	Current CC	191.00	19.69	20.00	9.39			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	9.00	0.93					
10	45-49	Former	268.00	27.63			15.11	11.00	4.10

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	164.00	20.22	15.00	8.67			
10	50-54	Current MRTP	7.00	0.86					
10	50-54	Current Dual	2.00	0.25					
10	50-54	Former	216.00	26.63			14.53	12.00	5.56
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	15.00	10.64			
10	55-59	Current MRTP	8.00	1.29					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	179.00	28.82			18.12	9.00	5.03
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	252.00	47.10					
10	60-64	Current CC	115.00	21.50	8.00	6.67			
10	60-64	Current MRTP	4.00	0.75					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	163.00	30.47			18.62	3.00	1.84
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	93.00	19.06	11.00	11.00			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.97	2.00	1.45
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	13.00	13.13			
10	70-74	Current MRTP	9.00	1.68					
10	70-74	Current Dual	2.00	0.37					
10	70-74	Former	177.00	33.02			23.55	11.00	6.21
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	69.00	12.80	27.00	31.40			
10	75-79	Current MRTP	10.00	1.86					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	173.00	32.10			27.53	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	4463.00	52.08					
15	All Ages	Current CC	1710.00	19.95	216.00	10.66			
15	All Ages	Current MRTP	194.00	2.26					
15	All Ages	Current Dual	123.00	1.44					
15	All Ages	Former	2080.00	24.27			17.18	139.00	6.68
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	569.00	69.99					
15	25-29	Current CC	159.00	19.56	2.00	0.94			
15	25-29	Current MRTP	32.00	3.94					
15	25-29	Current Dual	21.00	2.58					
15	25-29	Former	32.00	3.94			3.72	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	482.00	57.11					

Results for PHIM for Run 14 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	212.00	25.12	8.00	2.85			
15	30-34	Current MRTP	38.00	4.50					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.33	18.00	22.22
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	409.00	49.22					
15	35-39	Current CC	174.00	20.94	26.00	11.76			
15	35-39	Current MRTP	29.00	3.49					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	201.00	24.19			11.02	13.00	6.47
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	48.95					
15	40-44	Current CC	236.00	23.62	32.00	11.43			
15	40-44	Current MRTP	23.00	2.30					
15	40-44	Current Dual	21.00	2.10					
15	40-44	Former	230.00	23.02			13.43	17.00	7.39
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	540.00	48.13					
15	45-49	Current CC	240.00	21.39	24.00	8.79			
15	45-49	Current MRTP	25.00	2.23					
15	45-49	Current Dual	8.00	0.71					
15	45-49	Former	309.00	27.54			14.37	13.00	4.21
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	489.00	50.41					
15	50-54	Current CC	169.00	17.42	28.00	14.51			
15	50-54	Current MRTP	12.00	1.24					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	288.00	29.69			17.91	14.00	4.86
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	422.00	52.03					
15	55-59	Current CC	150.00	18.50	20.00	12.74			
15	55-59	Current MRTP	5.00	0.62					
15	55-59	Current Dual	2.00	0.25					
15	55-59	Former	232.00	28.61			17.46	14.00	6.03
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	111.00	17.87	19.00	15.32			
15	60-64	Current MRTP	9.00	1.45					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	196.00	31.56			20.43	9.00	4.59
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	104.00	19.44	21.00	18.75			
15	65-69	Current MRTP	6.00	1.12					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	171.00	31.96			21.46	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	79.00	16.19	13.00	15.29			
15	70-74	Current MRTP	5.00	1.02					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	153.00	31.35			24.64	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	76.00	14.18	23.00	25.84			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	3.00	0.56					
15	75-79	Former	187.00	34.89			25.16	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	4144.00	51.58					
20	All Ages	Current CC	1494.00	18.60	235.00	13.13			

Results for PHIM for Run 14 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	191.00	2.38					
20	All Ages	Current Dual	105.00	1.31					
20	All Ages	Former	2100.00	26.14			18.55	115.00	5.48

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	536.00	65.93					
20	30-34	Current CC	161.00	19.80	2.00	0.93			
20	30-34	Current MRTP	34.00	4.18					
20	30-34	Current Dual	20.00	2.46					
20	30-34	Former	62.00	7.63			5.52	11.00	17.74

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	466.00	55.21					
20	35-39	Current CC	192.00	22.75	11.00	4.40			
20	35-39	Current MRTP	37.00	4.38					
20	35-39	Current Dual	21.00	2.49					
20	35-39	Former	128.00	15.17			7.48	25.00	19.53

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	399.00	48.01					
20	40-44	Current CC	159.00	19.13	31.00	14.98			
20	40-44	Current MRTP	30.00	3.61					
20	40-44	Current Dual	18.00	2.17					
20	40-44	Former	225.00	27.08			14.11	6.00	2.67

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	48.95					
20	45-49	Current CC	220.00	22.02	35.00	13.62			
20	45-49	Current MRTP	23.00	2.30					
20	45-49	Current Dual	14.00	1.40					
20	45-49	Former	253.00	25.33			16.22	10.00	3.95

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	540.00	48.13					
20	50-54	Current CC	217.00	19.34	30.00	12.20			
20	50-54	Current MRTP	21.00	1.87					
20	50-54	Current Dual	8.00	0.71					
20	50-54	Former	336.00	29.95			17.10	16.00	4.76

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	489.00	50.41					
20	55-59	Current CC	155.00	15.98	35.00	19.66			
20	55-59	Current MRTP	12.00	1.24					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	303.00	31.24			20.86	10.00	3.30

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	127.00	15.66	23.00	16.20			
20	60-64	Current MRTP	14.00	1.73					

Results for PHIM for Run 14 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	1.00	0.12					
20	60-64	Former	247.00	30.46			20.15	14.00	5.67

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	103.00	16.59	24.00	20.69			
20	65-69	Current MRTP	9.00	1.45					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	204.00	32.85			23.44	5.00	2.45

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	91.00	17.01	23.00	22.77			
20	70-74	Current MRTP	7.00	1.31					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	182.00	34.02			24.23	9.00	4.95

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	69.00	14.14	21.00	26.92			
20	75-79	Current MRTP	4.00	0.82					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	160.00	32.79			25.84	9.00	5.63

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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	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60198.962	27.180	0.014	0.045	2778.64	842.922	842.542	0.380
1993	202512	62332.320	62284.042	48.278	0.024	0.077	2793.47	859.818	859.152	0.666
1994	200658	62691.239	62628.881	62.358	0.031	0.099	2725.82	851.622	850.775	0.847
1995	201023	63132.954	63045.052	87.902	0.044	0.139	2687.54	844.043	842.868	1.175
1996	201180	64309.880	64305.380	4.501	0.002	0.007	2653.67	848.280	848.221	0.059
1997	198639	64547.894	64524.593	23.300	0.012	0.036	2583.39	839.475	839.172	0.303
1998	197573	65384.866	65316.037	68.829	0.035	0.105	2533.29	838.367	837.484	0.883
1999	211329	67554.762	67385.678	169.084	0.080	0.250	2673.14	854.513	852.375	2.139
2000	208496	68184.366	67962.882	221.484	0.106	0.325	2604.20	851.652	848.885	2.766
2001	203606	68286.060	67912.865	373.196	0.183	0.547	2514.65	843.372	838.763	4.609
2002	200828	68983.996	68609.213	374.783	0.187	0.543	2455.47	843.450	838.868	4.582
2003	196352	68717.830	68138.951	578.879	0.295	0.842	2377.49	832.057	825.048	7.009
2004	188160	67344.952	66516.081	828.871	0.441	1.231	2254.66	806.974	797.041	9.932
2005	186416	67846.650	66847.106	999.544	0.536	1.473	2208.07	803.634	791.794	11.839
2006	180088	66622.465	65211.375	1411.090	0.784	2.118	2113.55	781.893	765.333	16.561
2007	175644	65977.201	64335.670	1641.531	0.935	2.488	2039.92	766.256	747.192	19.065
2008	177570	67121.344	65378.581	1742.763	0.981	2.596	2039.03	770.751	750.739	20.012
2009	172806	66622.993	64599.704	2023.289	1.171	3.037	1961.22	756.123	733.160	22.963

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	1291610.978	10705.39	0.274	0.822	2465.77	823.300	816.532	6.768

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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_17_Vary_parameter_combinations.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	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.954	6.493	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33457.369	10.367	0.022	0.031	638.542	461.657	461.514	0.143
1994	47017	33989.389	33978.079	11.309	0.024	0.033	638.697	461.725	461.571	0.154
1995	47840	34566.580	34549.202	17.378	0.036	0.050	639.587	462.131	461.899	0.232
1996	48244	34997.958	35012.435	-14.477	-0.030	-0.041	636.363	461.641	461.832	-0.191
1997	49035	35549.658	35555.349	-5.691	-0.012	-0.016	637.723	462.340	462.414	-0.074
1998	49686	36138.033	36142.231	-4.198	-0.008	-0.012	637.076	463.363	463.417	-0.054
1999	48883	35506.142	35494.498	11.644	0.024	0.033	618.331	449.124	448.977	0.147
2000	50331	36573.306	36545.692	27.614	0.055	0.076	628.656	456.816	456.471	0.345
2001	50389	36733.445	36669.778	63.668	0.126	0.173	622.333	453.679	452.893	0.786
2002	51445	37627.700	37554.297	73.403	0.143	0.195	629.005	460.065	459.167	0.897
2003	51408	37552.784	37408.732	144.052	0.280	0.384	622.464	454.701	452.957	1.744
2004	51399	37527.823	37306.738	221.085	0.430	0.589	615.898	449.684	447.035	2.649
2005	51421	37486.186	37220.345	265.841	0.517	0.709	609.074	444.018	440.870	3.149
2006	51355	37409.496	36991.868	417.627	0.813	1.116	602.712	439.045	434.143	4.901
2007	51839	37602.867	37105.636	497.232	0.959	1.322	602.056	436.718	430.943	5.775
2008	50976	36986.957	36482.133	504.824	0.990	1.365	585.355	424.719	418.922	5.797
2009	51193	37201.944	36581.533	620.411	1.212	1.668	581.003	422.215	415.174	7.041

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	709030.061	2874.778	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: 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 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	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12325.939	12.056	0.013	0.098	1311.71	172.682	172.513	0.169
1993	93679	12401.934	12377.385	24.549	0.026	0.198	1292.22	171.073	170.735	0.339
1994	90832	12128.576	12092.713	35.863	0.039	0.296	1233.90	164.759	164.272	0.487
1995	89698	11958.696	11911.814	46.882	0.052	0.392	1199.20	159.879	159.253	0.627
1996	88286	12020.749	11985.681	35.068	0.040	0.292	1164.54	158.560	158.097	0.463
1997	84777	11593.724	11547.653	46.071	0.054	0.397	1102.56	150.782	150.183	0.599
1998	82517	11337.035	11256.124	80.911	0.098	0.714	1058.04	145.364	144.326	1.037
1999	93939	13027.458	12880.003	147.454	0.157	1.132	1188.25	164.787	162.922	1.865
2000	90039	12607.547	12452.706	154.841	0.172	1.228	1124.63	157.474	155.540	1.934
2001	86119	12350.451	12118.851	231.600	0.269	1.875	1063.62	152.535	149.675	2.860
2002	83014	12112.097	11871.692	240.405	0.290	1.985	1014.99	148.092	145.152	2.939
2003	79302	11683.252	11393.184	290.068	0.366	2.483	960.214	141.465	137.952	3.512
2004	73861	11139.095	10758.568	380.527	0.515	3.416	885.053	133.476	128.917	4.560
2005	71649	10884.683	10451.273	433.410	0.605	3.982	848.672	128.927	123.794	5.134
2006	67551	10397.565	9856.686	540.878	0.801	5.202	792.791	122.028	115.680	6.348
2007	63503	9785.831	9162.513	623.319	0.982	6.370	737.521	113.652	106.413	7.239
2008	63171	9922.524	9256.422	666.102	1.054	6.713	725.389	113.940	106.291	7.649
2009	59747	9483.598	8764.789	718.809	1.203	7.579	678.085	107.632	99.474	8.158

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	227769.356	4713.194	0.286	2.027	1043.56	146.971	143.992	2.980

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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_17_Vary_parameter_combinations.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	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.236	4.212	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3108.398	6.119	0.019	0.196	452.005	42.962	42.878	0.084
1994	33005	3168.398	3158.922	9.477	0.029	0.299	448.353	43.041	42.912	0.129
1995	33730	3200.274	3187.361	12.913	0.038	0.403	450.946	42.785	42.613	0.173
1996	33750	3234.738	3223.488	11.251	0.033	0.348	445.180	42.668	42.519	0.148
1997	33699	3240.665	3235.833	4.831	0.014	0.149	438.271	42.146	42.083	0.063
1998	33274	3171.578	3151.654	19.924	0.060	0.628	426.640	40.666	40.411	0.255
1999	33891	3153.786	3116.150	37.636	0.111	1.193	428.694	39.893	39.417	0.476
2000	33827	3237.043	3184.285	52.758	0.156	1.630	422.514	40.432	39.773	0.659
2001	32506	3110.972	3032.063	78.908	0.243	2.536	401.468	38.422	37.448	0.975
2002	32078	3123.298	3039.956	83.342	0.260	2.668	392.210	38.188	37.169	1.019
2003	30568	3025.984	2932.806	93.177	0.305	3.079	370.127	36.640	35.511	1.128
2004	29388	2983.453	2857.505	125.948	0.429	4.222	352.147	35.750	34.241	1.509
2005	27954	2926.679	2781.619	145.060	0.519	4.956	331.111	34.666	32.948	1.718
2006	27201	2889.308	2710.900	178.408	0.656	6.175	319.236	33.909	31.816	2.094
2007	26302	2810.025	2602.242	207.783	0.790	7.394	305.470	32.636	30.222	2.413
2008	25998	2773.025	2557.738	215.287	0.828	7.764	298.534	31.843	29.370	2.472
2009	25040	2723.293	2483.978	239.316	0.956	8.788	284.186	30.907	28.191	2.716

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	59762.956	1528.787	0.245	2.494	394.195	38.747	37.781	0.966

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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	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.834	4.419	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13340.891	7.243	0.024	0.054	410.705	184.125	184.025	0.100
1994	29804	13404.876	13399.167	5.709	0.019	0.043	404.869	182.097	182.020	0.078
1995	29755	13407.404	13396.675	10.729	0.036	0.080	397.803	179.248	179.104	0.143
1996	30900	14056.435	14083.776	-27.341	-0.088	-0.195	407.587	185.412	185.772	-0.361
1997	31128	14163.848	14185.759	-21.911	-0.070	-0.155	404.834	184.207	184.492	-0.285
1998	32096	14738.220	14766.028	-27.808	-0.087	-0.189	411.536	188.974	189.331	-0.357
1999	34616	15867.376	15895.026	-27.650	-0.080	-0.174	437.865	200.710	201.059	-0.350
2000	34299	15766.470	15780.198	-13.728	-0.040	-0.087	428.409	196.930	197.101	-0.171
2001	34592	16091.193	16092.173	-0.980	-0.003	-0.006	427.231	198.736	198.748	-0.012
2002	34291	16120.902	16143.268	-22.367	-0.065	-0.139	419.268	197.106	197.380	-0.273
2003	35074	16455.810	16404.229	51.581	0.147	0.313	424.687	199.252	198.628	0.625
2004	33512	15694.580	15593.269	101.311	0.302	0.646	401.564	188.063	186.849	1.214
2005	35392	16549.102	16393.869	155.233	0.439	0.938	419.213	196.022	194.183	1.839
2006	33981	15926.096	15651.920	274.176	0.807	1.722	398.807	186.912	183.694	3.218
2007	34000	15778.477	15465.279	313.198	0.921	1.985	394.875	183.251	179.613	3.637
2008	37425	17438.838	17082.288	356.550	0.953	2.045	429.749	200.249	196.155	4.094
2009	36826	17214.158	16769.404	444.754	1.208	2.584	417.948	195.368	190.321	5.048

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	645593	296637.233	295048.605	1588.628	0.246	0.536	408.132	187.528	186.524	1.004

Results for PHIM for Run 15 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN8
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_17_Vary_parameter_combinations
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

		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 15 (APPENDIX_17_Vary_parameter_combinations.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	RUN8

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000

Results for PHIM for Run 15 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2505.00	27.30	134.00	4.97			
5	All Ages	Current MRTP	98.00	1.07					
5	All Ages	Current Dual	91.00	0.99					
5	All Ages	Former	2583.00	28.15			15.68	137.00	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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 15 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
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	527.00	55.01					
5	25-29	Current CC	286.00	29.85	3.00	0.93			
5	25-29	Current MRTP	19.00	1.98					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	110.00	11.48			5.14	17.00	15.45
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	487.00	45.34					
5	30-34	Current CC	357.00	33.24	9.00	2.37			
5	30-34	Current MRTP	10.00	0.93					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
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	474.00	43.77					
5	35-39	Current CC	338.00	31.21	14.00	3.93			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
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	402.00	41.32					
5	40-44	Current CC	288.00	29.60	13.00	4.32			
5	40-44	Current MRTP	6.00	0.62					
5	40-44	Current Dual	7.00	0.72					
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	239.00	27.82	12.00	4.71			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	9.00	1.05					
5	45-49	Former	296.00	34.46			13.91	9.00	3.04
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	10.00	6.80			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	222.00	42.37			16.95	13.00	5.86
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	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
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	13.00	10.48			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	256.00	51.20			22.18	8.00	3.13
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_17_Vary_parameter_combinations.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	18.00	20.22			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	253.00	56.47			23.10	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	75.00	20.89	14.00	17.07			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	209.00	58.22			24.62	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	4083.00	43.55					
10	All Ages	Current CC	2386.00	25.45	238.00	8.68			
10	All Ages	Current MRTP	217.00	2.31					
10	All Ages	Current Dual	140.00	1.49					
10	All Ages	Former	2549.00	27.19			17.65	143.00	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	679.00	75.78					
10	20-24	Current CC	178.00	19.87	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	10.00	1.12			2.90	4.00	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	251.00	27.43	5.00	1.57			
10	25-29	Current MRTP	34.00	3.72					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	44.00	4.81			4.84	13.00	29.55

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	483.00	50.42					
10	30-34	Current CC	264.00	27.56	7.00	2.12			
10	30-34	Current MRTP	39.00	4.07					
10	30-34	Current Dual	27.00	2.82					
10	30-34	Former	145.00	15.14			7.80	17.00	11.72

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	474.00	44.13					
10	35-39	Current CC	332.00	30.91	23.00	6.25			
10	35-39	Current MRTP	23.00	2.14					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	232.00	21.60			9.86	17.00	7.33

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	470.00	43.40					
10	40-44	Current CC	294.00	27.15	27.00	8.31			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	8.00	0.74					
10	40-44	Former	288.00	26.59			10.92	20.00	6.94

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	402.00	41.32					
10	45-49	Current CC	270.00	27.75	26.00	8.97			
10	45-49	Current MRTP	12.00	1.23					
10	45-49	Current Dual	8.00	0.82					
10	45-49	Former	281.00	28.88			16.00	14.00	4.98

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	218.00	25.38	29.00	11.74			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	304.00	35.39			17.42	7.00	2.30
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	172.00	27.30	26.00	13.68			
10	55-59	Current MRTP	12.00	1.90					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.44	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	132.00	25.19	17.00	12.14			
10	60-64	Current MRTP	3.00	0.57					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	229.00	43.70			20.39	7.00	3.06
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	105.00	20.39	24.00	19.20			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	249.00	48.35			22.21	8.00	3.21
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	31.00	24.80			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	255.00	51.00			24.93	13.00	5.10
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	23.00	29.49			
10	75-79	Current MRTP	12.00	2.68					
10	75-79	Current Dual	5.00	1.12					
10	75-79	Former	264.00	58.93			25.59	15.00	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	3856.00	43.19					
15	All Ages	Current CC	2171.00	24.32	318.00	12.12			
15	All Ages	Current MRTP	297.00	3.33					
15	All Ages	Current Dual	156.00	1.75					
15	All Ages	Former	2447.00	27.41			19.27	126.00	5.15
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	608.00	67.86					
15	25-29	Current CC	194.00	21.65	0.00	0.00			
15	25-29	Current MRTP	42.00	4.69					
15	25-29	Current Dual	21.00	2.34					
15	25-29	Former	31.00	3.46			3.52	11.00	35.48
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	520.00	56.83					

Results for PHIM for Run 15 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	241.00	26.34	11.00	3.38			
15	30-34	Current MRTP	51.00	5.57					
15	30-34	Current Dual	33.00	3.61					
15	30-34	Former	70.00	7.65			6.41	13.00	18.57
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	468.00	48.85					
15	35-39	Current CC	247.00	25.78	17.00	5.30			
15	35-39	Current MRTP	44.00	4.59					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	169.00	17.64			10.63	17.00	10.06
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	472.00	43.95					
15	40-44	Current CC	298.00	27.75	32.00	9.36			
15	40-44	Current MRTP	31.00	2.89					
15	40-44	Current Dual	13.00	1.21					
15	40-44	Former	260.00	24.21			12.81	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	470.00	43.40					
15	45-49	Current CC	270.00	24.93	37.00	12.13			
15	45-49	Current MRTP	25.00	2.31					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	308.00	28.44			14.50	14.00	4.55
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	402.00	41.32					
15	50-54	Current CC	232.00	23.84	33.00	12.84			
15	50-54	Current MRTP	17.00	1.75					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	314.00	32.27			18.39	14.00	4.46
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	40.00	17.02			
15	55-59	Current MRTP	22.00	2.56					
15	55-59	Current Dual	14.00	1.63					
15	55-59	Former	316.00	36.79			20.80	15.00	4.75
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	164.00	26.03	35.00	18.92			
15	60-64	Current MRTP	18.00	2.86					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	253.00	40.16			23.57	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	128.00	24.43	32.00	22.70			
15	65-69	Current MRTP	4.00	0.76					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	228.00	43.51			23.65	4.00	1.75
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	96.00	18.64	34.00	26.98			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	248.00	48.16			25.70	8.00	3.23
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	120.00	24.00					
15	75-79	Current CC	102.00	20.40	47.00	36.15			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	250.00	50.00			27.73	7.00	2.80
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	3676.00	43.62					
20	All Ages	Current CC	1879.00	22.30	368.00	15.37			

Results for PHIM for Run 15 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	341.00	4.05					
20	All Ages	Current Dual	175.00	2.08					
20	All Ages	Former	2356.00	27.96			20.48	123.00	5.22

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	575.00	64.17					
20	30-34	Current CC	190.00	21.21	2.00	0.75			
20	30-34	Current MRTP	51.00	5.69					
20	30-34	Current Dual	27.00	3.01					
20	30-34	Former	53.00	5.92			5.72	11.00	20.75

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	502.00	54.86					
20	35-39	Current CC	225.00	24.59	14.00	4.44			
20	35-39	Current MRTP	58.00	6.34					
20	35-39	Current Dual	32.00	3.50					
20	35-39	Former	98.00	10.71			8.17	14.00	14.29

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	459.00	47.91					
20	40-44	Current CC	231.00	24.11	26.00	8.31			
20	40-44	Current MRTP	49.00	5.11					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	186.00	19.42			13.64	9.00	4.84

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	472.00	43.95					
20	45-49	Current CC	281.00	26.16	45.00	13.72			
20	45-49	Current MRTP	35.00	3.26					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	274.00	25.51			16.10	16.00	5.84

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	470.00	43.40					
20	50-54	Current CC	236.00	21.79	47.00	16.91			
20	50-54	Current MRTP	34.00	3.14					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	335.00	30.93			17.23	14.00	4.18

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	402.00	41.32					
20	55-59	Current CC	212.00	21.79	45.00	18.52			
20	55-59	Current MRTP	21.00	2.16					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	328.00	33.71			21.47	11.00	3.35

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	179.00	20.84	56.00	24.35			
20	60-64	Current MRTP	31.00	3.61					

Results for PHIM for Run 15 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	20.00	2.33					
20	60-64	Former	321.00	37.37			23.72	13.00	4.05

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	134.00	21.27	43.00	25.15			
20	65-69	Current MRTP	28.00	4.44					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	267.00	42.38			25.10	12.00	4.49

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	110.00	20.99	41.00	31.06			
20	70-74	Current MRTP	12.00	2.29					
20	70-74	Current Dual	10.00	1.91					
20	70-74	Former	237.00	45.23			25.94	12.00	5.06

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	81.00	15.73	49.00	41.88			
20	75-79	Current MRTP	22.00	4.27					
20	75-79	Current Dual	14.00	2.72					
20	75-79	Former	257.00	49.90			26.91	11.00	4.28

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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	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121977.952	165.766	0.054	0.136	4692.62	1857.47	1854.95	2.521
1993	311713	123269.216	122933.267	335.949	0.108	0.273	4656.77	1841.55	1836.53	5.019
1994	305700	120480.723	120017.486	463.237	0.152	0.384	4482.57	1766.64	1759.85	6.793
1995	303225	118666.569	118018.754	647.815	0.214	0.546	4361.58	1706.89	1697.58	9.318
1996	299559	116607.195	115777.775	829.419	0.277	0.711	4242.85	1651.58	1639.84	11.748
1997	294226	114665.051	113738.758	926.293	0.315	0.808	4100.64	1598.09	1585.18	12.910
1998	289258	113038.380	111931.300	1107.080	0.383	0.979	3966.28	1549.97	1534.79	15.180
1999	311002	117067.463	115599.043	1468.420	0.472	1.254	4198.14	1580.27	1560.45	19.822
2000	303786	114977.407	113387.284	1590.123	0.523	1.383	4041.13	1529.49	1508.34	21.153
2001	296294	113047.319	111361.158	1686.161	0.569	1.492	3890.54	1484.39	1462.25	22.140
2002	291898	111744.742	109933.056	1811.686	0.621	1.621	3789.34	1450.64	1427.12	23.519
2003	285865	110551.854	108653.289	1898.564	0.664	1.717	3671.31	1419.80	1395.41	24.383
2004	274177	107418.262	105580.659	1837.603	0.670	1.711	3481.92	1364.16	1340.83	23.337
2005	272379	107678.770	105828.540	1850.230	0.679	1.718	3417.44	1351.01	1327.79	23.214
2006	264118	104357.806	102521.673	1836.133	0.695	1.759	3281.83	1296.71	1273.89	22.815
2007	258419	102690.449	100811.368	1879.081	0.727	1.830	3176.05	1262.10	1239.01	23.095
2008	259461	103492.166	101354.953	2137.213	0.824	2.065	3150.91	1256.82	1230.86	25.954
2009	253907	101384.044	99127.617	2256.426	0.889	2.226	3045.20	1215.94	1188.88	27.062

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	2248464.681	24779.00	0.426	1.090	3927.78	1535.76	1519.02	16.740

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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_17_Vary_parameter_combinations.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	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62500.450	34.897	0.045	0.056	1185.97	950.993	950.462	0.531
1993	78542	62883.111	62817.978	65.133	0.083	0.104	1173.36	939.428	938.455	0.973
1994	77437	61805.804	61712.991	92.813	0.120	0.150	1135.48	906.276	904.915	1.361
1995	76904	61145.799	61013.336	132.464	0.172	0.217	1106.18	879.519	877.613	1.905
1996	76232	60385.323	60213.317	172.006	0.226	0.285	1079.72	855.277	852.841	2.436
1997	75473	59549.806	59370.673	179.133	0.237	0.301	1051.87	829.947	827.451	2.497
1998	75381	59292.315	59042.325	249.990	0.332	0.422	1033.62	813.010	809.582	3.428
1999	73159	57398.351	57090.349	308.002	0.421	0.537	987.557	774.807	770.650	4.158
2000	73784	57716.549	57342.623	373.926	0.507	0.648	981.515	767.777	762.803	4.974
2001	73294	57211.877	56809.306	402.571	0.549	0.704	962.399	751.230	745.944	5.286
2002	72442	56438.810	56001.217	437.594	0.604	0.775	940.422	732.673	726.993	5.681
2003	71942	55948.341	55517.275	431.066	0.599	0.770	923.937	718.533	712.997	5.536
2004	71301	55339.218	54908.014	431.204	0.605	0.779	905.490	702.783	697.307	5.476
2005	70964	54964.459	54543.337	421.122	0.593	0.766	890.360	689.620	684.336	5.284
2006	69658	53781.526	53367.777	413.750	0.594	0.769	865.543	668.268	663.127	5.141
2007	68565	52784.985	52376.384	408.601	0.596	0.774	842.687	648.745	643.723	5.022
2008	68226	52470.692	51989.957	480.736	0.705	0.916	828.542	637.208	631.370	5.838
2009	67509	51823.021	51312.611	510.410	0.756	0.985	809.661	621.533	615.412	6.122

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	1154430.362	5558.166	0.377	0.479	997.213	783.665	779.910	3.755

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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	37039.000	28.385	0.017	0.077	2599.72	573.449	573.010	0.439
1992	164548	35863.851	35766.156	97.695	0.059	0.272	2502.33	545.392	543.906	1.486
1993	164362	35459.800	35256.230	203.570	0.124	0.574	2455.45	529.744	526.702	3.041
1994	159866	34293.631	34018.850	274.781	0.172	0.801	2344.16	502.857	498.828	4.029
1995	158083	33531.695	33157.123	374.572	0.237	1.117	2273.86	482.318	476.931	5.388
1996	154875	32438.163	31970.090	468.073	0.302	1.443	2193.60	459.443	452.813	6.630
1997	149970	31179.663	30645.032	534.630	0.356	1.715	2090.14	434.552	427.101	7.451
1998	145407	29860.736	29276.327	584.410	0.402	1.957	1993.81	409.447	401.434	8.013
1999	165952	34413.904	33617.876	796.028	0.480	2.313	2240.15	464.545	453.800	10.745
2000	160260	33265.290	32460.594	804.697	0.502	2.419	2131.87	442.513	431.808	10.705
2001	154444	32074.102	31228.670	845.432	0.547	2.636	2027.95	421.154	410.053	11.101
2002	151887	31817.956	30922.105	895.852	0.590	2.816	1971.76	413.052	401.422	11.630
2003	146733	31025.931	30037.510	988.422	0.674	3.186	1884.46	398.460	385.766	12.694
2004	138381	29503.602	28549.364	954.238	0.690	3.234	1757.38	374.682	362.564	12.118
2005	135881	29077.894	28112.119	965.775	0.711	3.321	1704.85	364.830	352.713	12.117
2006	131922	28385.448	27397.492	987.956	0.749	3.481	1639.21	352.707	340.431	12.276
2007	126502	27327.625	26295.137	1032.488	0.816	3.778	1554.75	335.866	323.176	12.690
2008	125859	27025.472	25896.777	1128.695	0.897	4.176	1528.44	328.199	314.492	13.707
2009	122428	26361.626	25165.588	1196.038	0.977	4.537	1468.33	316.165	301.821	14.345

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	625194.937	13161.74	0.439	2.062	2024.64	431.261	422.369	8.892

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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_17_Vary_parameter_combinations.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	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.912	15.284	0.048	0.350	488.154	66.474	66.242	0.232
1993	32896	4414.136	4379.114	35.022	0.106	0.793	491.442	65.944	65.421	0.523
1994	33323	4474.895	4425.259	49.636	0.149	1.109	488.625	65.617	64.889	0.728
1995	33569	4476.290	4403.616	72.674	0.216	1.624	482.855	64.387	63.341	1.045
1996	33870	4489.078	4393.919	95.160	0.281	2.120	479.723	63.582	62.234	1.348
1997	33516	4444.866	4326.714	118.153	0.353	2.658	467.113	61.948	60.302	1.647
1998	32795	4313.427	4199.126	114.301	0.349	2.650	449.682	59.145	57.578	1.567
1999	33375	4232.739	4098.557	134.182	0.402	3.170	450.521	57.137	55.325	1.811
2000	33459	4307.577	4176.838	130.739	0.391	3.035	445.090	57.302	55.563	1.739
2001	32275	4136.308	4006.165	130.143	0.403	3.146	423.792	54.312	52.604	1.709
2002	31586	4079.175	3951.619	127.556	0.404	3.127	410.041	52.955	51.299	1.656
2003	30985	4096.221	3942.976	153.245	0.495	3.741	397.934	52.607	50.639	1.968
2004	29884	4034.217	3890.287	143.930	0.482	3.568	379.513	51.233	49.405	1.828
2005	28708	3944.303	3804.617	139.686	0.487	3.541	360.189	49.488	47.735	1.753
2006	28188	3970.169	3824.826	145.343	0.516	3.661	350.253	49.332	47.526	1.806
2007	28026	3957.558	3796.056	161.502	0.576	4.081	344.449	48.640	46.655	1.985
2008	27128	3812.302	3653.628	158.673	0.585	4.162	329.444	46.297	44.370	1.927
2009	27068	3827.467	3645.711	181.756	0.671	4.749	324.637	45.904	43.724	2.180

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	628232	84457.504	82346.526	2110.978	0.336	2.499	424.421	57.058	55.632	1.426

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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	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19355.434	17.890	0.053	0.092	516.166	294.616	294.344	0.272
1993	35913	20512.169	20479.946	32.223	0.090	0.157	536.514	306.437	305.956	0.481
1994	35074	19906.392	19860.385	46.007	0.131	0.231	514.300	291.893	291.219	0.675
1995	34669	19512.784	19444.679	68.106	0.196	0.349	498.677	280.671	279.691	0.980
1996	34582	19294.631	19200.450	94.180	0.272	0.488	489.808	273.283	271.949	1.334
1997	35267	19490.717	19396.340	94.377	0.268	0.484	491.517	271.643	270.327	1.315
1998	35675	19571.902	19413.523	158.379	0.444	0.809	489.172	268.368	266.196	2.172
1999	38516	21022.469	20792.260	230.208	0.598	1.095	519.919	283.777	280.670	3.108
2000	36283	19687.992	19407.229	280.762	0.774	1.426	482.656	261.900	258.165	3.735
2001	36281	19625.032	19317.017	308.015	0.849	1.569	476.394	257.690	253.645	4.044
2002	35983	19408.801	19058.116	350.685	0.975	1.807	467.122	251.960	247.407	4.552
2003	36205	19481.360	19155.529	325.831	0.900	1.673	464.974	250.195	246.011	4.185
2004	34611	18541.224	18232.994	308.231	0.891	1.662	439.544	235.465	231.551	3.914
2005	36826	19692.114	19368.467	323.647	0.879	1.644	462.043	247.070	243.009	4.061
2006	34350	18220.663	17931.579	289.084	0.842	1.587	426.820	226.403	222.811	3.592
2007	35326	18620.282	18343.791	276.491	0.783	1.485	434.168	228.849	225.451	3.398
2008	38248	20183.701	19814.591	369.109	0.965	1.829	464.487	245.112	240.630	4.482
2009	36902	19371.930	19003.707	368.223	0.998	1.901	442.580	232.335	227.919	4.416

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	386492.856	3948.118	0.554	1.011	481.512	263.774	261.107	2.667

Results for PHIM for Run 16 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.1
9. The effective dose for Dual use (G)	FROMF
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	RUN8
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN8

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000

Results for PHIM for Run 16 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2044.00	22.51	114.00	5.14			
5	All Ages	Current MRTP	106.00	1.17					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1979.00	21.80			14.88	111.00	5.61

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
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 16 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
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	457.00	54.99					
5	25-29	Current CC	206.00	24.79	9.00	3.80			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	12.00	1.44					
5	25-29	Former	137.00	16.49			5.36	15.00	10.95
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	516.00	51.65					
5	30-34	Current CC	284.00	28.43	13.00	4.29			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
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	550.00	49.02					
5	35-39	Current CC	305.00	27.18	10.00	3.00			
5	35-39	Current MRTP	19.00	1.69					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	239.00	21.30			8.49	15.00	6.28
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	489.00	50.41					
5	40-44	Current CC	215.00	22.16	9.00	3.91			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	251.00	25.88			11.60	14.00	5.58
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	4.81			
5	45-49	Current MRTP	5.00	0.62					
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	147.00	23.67	8.00	5.23			
5	50-54	Current MRTP	5.00	0.81					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	167.00	26.89			15.27	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	125.00	23.36	6.00	4.69			
5	55-59	Current MRTP	2.00	0.37					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.07	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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	12.00	10.62			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	163.00	30.41			21.45	7.00	4.29
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	79.00	14.66	15.00	17.05			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	171.00	31.73			25.40	2.00	1.17

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	13.00	21.67			
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			28.19	1.00	0.63

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	4869.00	53.45					
10	All Ages	Current CC	1944.00	21.34	192.00	8.45			
10	All Ages	Current MRTP	199.00	2.18					
10	All Ages	Current Dual	129.00	1.42					
10	All Ages	Former	1968.00	21.61			16.56	101.00	5.13

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	632.00	77.74					
10	20-24	Current CC	146.00	17.96	0.00	0.00			
10	20-24	Current MRTP	14.00	1.72					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	9.00	1.11			3.56	3.00	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	527.00	62.44					
10	25-29	Current CC	214.00	25.36	5.00	1.84			
10	25-29	Current MRTP	32.00	3.79					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	45.00	5.33			4.87	11.00	24.44

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	423.00	50.90					
10	30-34	Current CC	196.00	23.59	14.00	5.67			
10	30-34	Current MRTP	28.00	3.37					
10	30-34	Current Dual	23.00	2.77					
10	30-34	Former	161.00	19.37			8.76	13.00	8.07

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	493.00	49.35					
10	35-39	Current CC	265.00	26.53	27.00	8.57			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	191.00	19.12			11.35	7.00	3.66

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	540.00	48.13					
10	40-44	Current CC	272.00	24.24	21.00	6.71			
10	40-44	Current MRTP	28.00	2.50					
10	40-44	Current Dual	13.00	1.16					
10	40-44	Former	269.00	23.98			11.61	15.00	5.58

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	489.00	50.41					
10	45-49	Current CC	191.00	19.69	22.00	10.19			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	265.00	27.32			15.25	10.00	3.77

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	164.00	20.22	18.00	10.23			
10	50-54	Current MRTP	9.00	1.11					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	213.00	26.26			14.66	12.00	5.63
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	301.00	48.47					
10	55-59	Current CC	131.00	21.10	16.00	11.11			
10	55-59	Current MRTP	9.00	1.45					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	176.00	28.34			18.43	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	115.00	21.50	10.00	8.13			
10	60-64	Current MRTP	5.00	0.93					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	160.00	29.91			18.92	3.00	1.88
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	93.00	19.06	12.00	11.88			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	137.00	28.07			24.12	2.00	1.46
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	16.00	15.53			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	173.00	32.28			24.01	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	69.00	12.80	31.00	34.44			
10	75-79	Current MRTP	14.00	2.60					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	169.00	31.35			28.12	9.00	5.33
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	4463.00	52.08					
15	All Ages	Current CC	1717.00	20.04	246.00	11.57			
15	All Ages	Current MRTP	256.00	2.99					
15	All Ages	Current Dual	154.00	1.80					
15	All Ages	Former	1980.00	23.10			17.81	117.00	5.91
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	569.00	69.99					
15	25-29	Current CC	158.00	19.43	1.00	0.46			
15	25-29	Current MRTP	36.00	4.43					
15	25-29	Current Dual	23.00	2.83					
15	25-29	Former	27.00	3.32			3.52	12.00	44.44
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	482.00	57.11					

Results for PHIM for Run 16 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	212.00	25.12	9.00	3.08			
15	30-34	Current MRTP	46.00	5.45					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	70.00	8.29			6.53	14.00	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	409.00	49.22					
15	35-39	Current CC	177.00	21.30	25.00	10.50			
15	35-39	Current MRTP	36.00	4.33					
15	35-39	Current Dual	25.00	3.01					
15	35-39	Former	184.00	22.14			11.73	8.00	4.35
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	489.00	48.95					
15	40-44	Current CC	238.00	23.82	37.00	12.42			
15	40-44	Current MRTP	35.00	3.50					
15	40-44	Current Dual	25.00	2.50					
15	40-44	Former	212.00	21.22			14.22	12.00	5.66
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	540.00	48.13					
15	45-49	Current CC	241.00	21.48	28.00	9.72			
15	45-49	Current MRTP	33.00	2.94					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	294.00	26.20			14.78	13.00	4.42
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	489.00	50.41					
15	50-54	Current CC	169.00	17.42	33.00	16.50			
15	50-54	Current MRTP	18.00	1.86					
15	50-54	Current Dual	13.00	1.34					
15	50-54	Former	281.00	28.97			18.27	13.00	4.63
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	24.00	14.81			
15	55-59	Current MRTP	8.00	0.99					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	227.00	27.99			17.70	12.00	5.29
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	113.00	18.20	21.00	16.15			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	190.00	30.60			20.96	8.00	4.21
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	104.00	19.44	22.00	19.30			
15	65-69	Current MRTP	8.00	1.50					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	169.00	31.59			21.63	7.00	4.14
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	79.00	16.19	17.00	18.89			
15	70-74	Current MRTP	8.00	1.64					
15	70-74	Current Dual	3.00	0.61					
15	70-74	Former	148.00	30.33			25.36	6.00	4.05
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	76.00	14.18	29.00	29.59			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	178.00	33.21			26.17	12.00	6.74
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	4144.00	51.58					
20	All Ages	Current CC	1513.00	18.83	273.00	14.12			

Results for PHIM for Run 16 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	276.00	3.44					
20	All Ages	Current Dual	145.00	1.80					
20	All Ages	Former	1956.00	24.35			19.43	96.00	4.91

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	536.00	65.93					
20	30-34	Current CC	162.00	19.93	3.00	1.29			
20	30-34	Current MRTP	47.00	5.78					
20	30-34	Current Dual	24.00	2.95					
20	30-34	Former	44.00	5.41			6.02	6.00	13.64

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	466.00	55.21					
20	35-39	Current CC	191.00	22.63	11.00	4.04			
20	35-39	Current MRTP	53.00	6.28					
20	35-39	Current Dual	28.00	3.32					
20	35-39	Former	106.00	12.56			7.83	19.00	17.92

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	399.00	48.01					
20	40-44	Current CC	165.00	19.86	31.00	13.48			
20	40-44	Current MRTP	39.00	4.69					
20	40-44	Current Dual	26.00	3.13					
20	40-44	Former	202.00	24.31			14.98	5.00	2.48

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	48.95					
20	45-49	Current CC	225.00	22.52	41.00	14.54			
20	45-49	Current MRTP	37.00	3.70					
20	45-49	Current Dual	20.00	2.00					
20	45-49	Former	228.00	22.82			17.21	8.00	3.51

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	540.00	48.13					
20	50-54	Current CC	220.00	19.61	35.00	13.21			
20	50-54	Current MRTP	31.00	2.76					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	317.00	28.25			17.61	14.00	4.42

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	489.00	50.41					
20	55-59	Current CC	155.00	15.98	39.00	20.97			
20	55-59	Current MRTP	17.00	1.75					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	295.00	30.41			21.21	9.00	3.05

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	32.00	21.05			
20	60-64	Current MRTP	18.00	2.22					

Results for PHIM for Run 16 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	5.00	0.62					
20	60-64	Former	237.00	29.22			20.76	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	105.00	16.91	29.00	23.20			
20	65-69	Current MRTP	14.00	2.25					
20	65-69	Current Dual	6.00	0.97					
20	65-69	Former	195.00	31.40			24.20	5.00	2.56

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	92.00	17.20	27.00	25.47			
20	70-74	Current MRTP	10.00	1.87					
20	70-74	Current Dual	4.00	0.75					
20	70-74	Former	177.00	33.08			24.77	7.00	3.95

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	69.00	14.14	25.00	30.12			
20	75-79	Current MRTP	10.00	2.05					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	155.00	31.76			26.47	11.00	7.10

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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	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60199.074	27.068	0.014	0.045	2778.64	842.922	842.543	0.379
1993	202512	62332.320	62284.466	47.854	0.024	0.077	2793.47	859.818	859.157	0.660
1994	200658	62691.239	62633.650	57.589	0.029	0.092	2725.82	851.622	850.840	0.782
1995	201023	63132.954	63058.637	74.317	0.037	0.118	2687.54	844.043	843.050	0.994
1996	201180	64309.880	64334.227	-24.347	-0.012	-0.038	2653.67	848.280	848.601	-0.321
1997	198639	64547.894	64563.959	-16.066	-0.008	-0.025	2583.39	839.475	839.684	-0.209
1998	197573	65384.866	65365.708	19.158	0.010	0.029	2533.29	838.367	838.121	0.246
1999	211329	67554.762	67437.895	116.867	0.055	0.173	2673.14	854.513	853.035	1.478
2000	208496	68184.366	68028.183	156.184	0.075	0.229	2604.20	851.652	849.701	1.951
2001	203606	68286.060	67989.811	296.249	0.146	0.434	2514.65	843.372	839.713	3.659
2002	200828	68983.996	68711.188	272.808	0.136	0.395	2455.47	843.450	840.115	3.336
2003	196352	68717.830	68255.268	462.562	0.236	0.673	2377.49	832.057	826.457	5.601
2004	188160	67344.952	66646.251	698.700	0.371	1.037	2254.66	806.974	798.601	8.372
2005	186416	67846.650	66999.216	847.434	0.455	1.249	2208.07	803.634	793.596	10.038
2006	180088	66622.465	65374.889	1247.575	0.693	1.873	2113.55	781.893	767.252	14.642
2007	175644	65977.201	64524.846	1452.355	0.827	2.201	2039.92	766.256	749.389	16.868
2008	177570	67121.344	65590.300	1531.043	0.862	2.281	2039.03	770.751	753.170	17.581
2009	172806	66622.993	64838.516	1784.477	1.033	2.678	1961.22	756.123	735.870	20.253

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	1293246.010	9070.354	0.233	0.696	2465.77	823.300	817.566	5.734

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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_17_Vary_parameter_combinations.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	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.966	6.480	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33457.415	10.320	0.022	0.031	638.542	461.657	461.515	0.142
1994	47017	33989.389	33979.468	9.921	0.021	0.029	638.697	461.725	461.590	0.135
1995	47840	34566.580	34553.165	13.415	0.028	0.039	639.587	462.131	461.952	0.179
1996	48244	34997.958	35021.050	-23.092	-0.048	-0.066	636.363	461.641	461.945	-0.305
1997	49035	35549.658	35567.556	-17.898	-0.037	-0.050	637.723	462.340	462.572	-0.233
1998	49686	36138.033	36156.930	-18.897	-0.038	-0.052	637.076	463.363	463.605	-0.242
1999	48883	35506.142	35508.120	-1.978	-0.004	-0.006	618.331	449.124	449.149	-0.025
2000	50331	36573.306	36562.330	10.976	0.022	0.030	628.656	456.816	456.679	0.137
2001	50389	36733.445	36690.181	43.264	0.086	0.118	622.333	453.679	453.145	0.534
2002	51445	37627.700	37581.104	46.596	0.091	0.124	629.005	460.065	459.495	0.570
2003	51408	37552.784	37440.090	112.694	0.219	0.300	622.464	454.701	453.337	1.365
2004	51399	37527.823	37342.969	184.854	0.360	0.493	615.898	449.684	447.469	2.215
2005	51421	37486.186	37263.817	222.369	0.432	0.593	609.074	444.018	441.384	2.634
2006	51355	37409.496	37038.518	370.978	0.722	0.992	602.712	439.045	434.691	4.354
2007	51839	37602.867	37162.528	440.340	0.849	1.171	602.056	436.718	431.604	5.114
2008	50976	36986.957	36542.781	444.176	0.871	1.201	585.355	424.719	419.619	5.100
2009	51193	37201.944	36652.936	549.008	1.072	1.476	581.003	422.215	415.984	6.231

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	709495.115	2409.724	0.246	0.338	619.890	450.053	448.530	1.523

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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		Null	MRTP			%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	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12326.022	11.973	0.013	0.097	1311.71	172.682	172.514	0.168
1993	93679	12401.934	12377.687	24.247	0.026	0.196	1292.22	171.073	170.739	0.334
1994	90832	12128.576	12094.462	34.113	0.038	0.281	1233.90	164.759	164.296	0.463
1995	89698	11958.696	11916.557	42.139	0.047	0.352	1199.20	159.879	159.316	0.563
1996	88286	12020.749	11995.075	25.674	0.029	0.214	1164.54	158.560	158.221	0.339
1997	84777	11593.724	11560.218	33.505	0.040	0.289	1102.56	150.782	150.346	0.436
1998	82517	11337.035	11272.670	64.364	0.078	0.568	1058.04	145.364	144.539	0.825
1999	93939	13027.458	12900.519	126.938	0.135	0.974	1188.25	164.787	163.181	1.606
2000	90039	12607.547	12479.259	128.288	0.142	1.018	1124.63	157.474	155.871	1.602
2001	86119	12350.451	12150.306	200.145	0.232	1.621	1063.62	152.535	150.063	2.472
2002	83014	12112.097	11913.183	198.913	0.240	1.642	1014.99	148.092	145.660	2.432
2003	79302	11683.252	11439.033	244.220	0.308	2.090	960.214	141.465	138.507	2.957
2004	73861	11139.095	10809.342	329.754	0.446	2.960	885.053	133.476	129.525	3.951
2005	71649	10884.683	10507.847	376.836	0.526	3.462	848.672	128.927	124.464	4.464
2006	67551	10397.565	9921.048	476.516	0.705	4.583	792.791	122.028	116.435	5.592
2007	63503	9785.831	9232.459	553.372	0.871	5.655	737.521	113.652	107.225	6.427
2008	63171	9922.524	9336.344	586.181	0.928	5.908	725.389	113.940	107.209	6.731
2009	59747	9483.598	8851.881	631.716	1.057	6.661	678.085	107.632	100.462	7.170

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	228389.274	4093.276	0.248	1.761	1043.56	146.971	144.383	2.588

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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_17_Vary_parameter_combinations.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	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.249	4.199	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3108.461	6.056	0.018	0.194	452.005	42.962	42.878	0.084
1994	33005	3168.398	3159.387	9.012	0.027	0.284	448.353	43.041	42.918	0.122
1995	33730	3200.274	3189.021	11.253	0.033	0.352	450.946	42.785	42.635	0.150
1996	33750	3234.738	3226.524	8.214	0.024	0.254	445.180	42.668	42.559	0.108
1997	33699	3240.665	3240.009	0.655	0.002	0.020	438.271	42.146	42.138	0.009
1998	33274	3171.578	3157.434	14.144	0.043	0.446	426.640	40.666	40.485	0.181
1999	33891	3153.786	3122.514	31.273	0.092	0.992	428.694	39.893	39.497	0.396
2000	33827	3237.043	3193.075	43.968	0.130	1.358	422.514	40.432	39.883	0.549
2001	32506	3110.972	3041.209	69.762	0.215	2.242	401.468	38.422	37.561	0.862
2002	32078	3123.298	3052.781	70.517	0.220	2.258	392.210	38.188	37.326	0.862
2003	30568	3025.984	2946.695	79.289	0.259	2.620	370.127	36.640	35.680	0.960
2004	29388	2983.453	2873.240	110.214	0.375	3.694	352.147	35.750	34.429	1.321
2005	27954	2926.679	2798.562	128.117	0.458	4.378	331.111	34.666	33.149	1.518
2006	27201	2889.308	2730.897	158.411	0.582	5.483	319.236	33.909	32.050	1.859
2007	26302	2810.025	2623.301	186.724	0.710	6.645	305.470	32.636	30.467	2.169
2008	25998	2773.025	2581.078	191.947	0.738	6.922	298.534	31.843	29.638	2.204
2009	25040	2723.293	2510.317	212.976	0.851	7.821	284.186	30.907	28.490	2.417

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	59952.575	1339.168	0.215	2.185	394.195	38.747	37.901	0.847

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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	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.836	4.416	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13340.903	7.231	0.024	0.054	410.705	184.125	184.026	0.100
1994	29804	13404.876	13400.334	4.543	0.015	0.034	404.869	182.097	182.035	0.062
1995	29755	13407.404	13399.894	7.510	0.025	0.056	397.803	179.248	179.147	0.100
1996	30900	14056.435	14091.579	-35.144	-0.114	-0.250	407.587	185.412	185.875	-0.464
1997	31128	14163.848	14196.176	-32.328	-0.104	-0.228	404.834	184.207	184.628	-0.420
1998	32096	14738.220	14778.674	-40.454	-0.126	-0.274	411.536	188.974	189.493	-0.519
1999	34616	15867.376	15906.743	-39.367	-0.114	-0.248	437.865	200.710	201.208	-0.498
2000	34299	15766.470	15793.518	-27.048	-0.079	-0.172	428.409	196.930	197.268	-0.338
2001	34592	16091.193	16108.115	-16.922	-0.049	-0.105	427.231	198.736	198.945	-0.209
2002	34291	16120.902	16164.120	-43.218	-0.126	-0.268	419.268	197.106	197.635	-0.528
2003	35074	16455.810	16429.450	26.360	0.075	0.160	424.687	199.252	198.933	0.319
2004	33512	15694.580	15620.700	73.880	0.220	0.471	401.564	188.063	187.178	0.885
2005	35392	16549.102	16428.990	120.112	0.339	0.726	419.213	196.022	194.599	1.423
2006	33981	15926.096	15684.427	241.670	0.711	1.517	398.807	186.912	184.075	2.836
2007	34000	15778.477	15506.558	271.919	0.800	1.723	394.875	183.251	180.092	3.158
2008	37425	17438.838	17130.098	308.740	0.825	1.770	429.749	200.249	196.704	3.545
2009	36826	17214.158	16823.381	390.776	1.061	2.270	417.948	195.368	190.933	4.435

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	295409.047	1228.186	0.190	0.414	408.132	187.528	186.752	0.776

Results for PHIM for Run 17 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN9
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN9

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000

Results for PHIM for Run 17 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	1966.00	21.42	127.00	4.79			
5	All Ages	Current MRTP	593.00	6.46					
5	All Ages	Current Dual	90.00	0.98					
5	All Ages	Former	2628.00	28.64			15.44	169.00	6.43

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	3.00	0.88					
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 17 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	211.00	23.06	1.00	0.38			
5	20-24	Current MRTP	37.00	4.04					
5	20-24	Current Dual	13.00	1.42					
5	20-24	Former	25.00	2.73			3.08	8.00	32.00
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	527.00	55.01					
5	25-29	Current CC	223.00	23.28	4.00	1.28			
5	25-29	Current MRTP	71.00	7.41					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	119.00	12.42			4.98	17.00	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	487.00	45.34					
5	30-34	Current CC	291.00	27.09	13.00	3.23			
5	30-34	Current MRTP	100.00	9.31					
5	30-34	Current Dual	11.00	1.02					
5	30-34	Former	185.00	17.23			6.78	19.00	10.27
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	474.00	43.77					
5	35-39	Current CC	264.00	24.38	12.00	3.44			
5	35-39	Current MRTP	74.00	6.83					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	260.00	24.01			7.68	17.00	6.54
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	402.00	41.32					
5	40-44	Current CC	211.00	21.69	12.00	4.33			
5	40-44	Current MRTP	62.00	6.37					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	294.00	30.22			11.39	24.00	8.16
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	180.00	20.95	13.00	5.14			
5	45-49	Current MRTP	66.00	7.68					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	298.00	34.69			13.78	16.00	5.37
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	192.00	30.48					
5	50-54	Current CC	150.00	23.81	14.00	7.07			
5	50-54	Current MRTP	43.00	6.83					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	240.00	38.10			17.00	14.00	5.83
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	110.00	20.99	9.00	5.88			
5	55-59	Current MRTP	40.00	7.63					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	216.00	41.22			17.35	10.00	4.63
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	85.00	16.50	13.00	11.71			
5	60-64	Current MRTP	23.00	4.47					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	263.00	51.07			17.79	18.00	6.84
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	12.00	9.60			
5	65-69	Current MRTP	28.00	5.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	255.00	51.00			22.24	7.00	2.75
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 17 (APPENDIX_17_Vary_parameter_combinations.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	15.00	17.44			
5	70-74	Current MRTP	25.00	5.58					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	256.00	57.14			22.88	9.00	3.52
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	54.00	15.04	9.00	11.84			
5	75-79	Current MRTP	19.00	5.29					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	215.00	59.89			24.00	8.00	3.72
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	4083.00	43.55					
10	All Ages	Current CC	1499.00	15.99	178.00	7.06			
10	All Ages	Current MRTP	923.00	9.85					
10	All Ages	Current Dual	101.00	1.08					
10	All Ages	Former	2769.00	29.54			16.47	221.00	7.98
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 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	679.00	75.78					
10	20-24	Current CC	150.00	16.74	0.00	0.00			
10	20-24	Current MRTP	40.00	4.46					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	16.00	1.79			2.25	8.00	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	182.00	19.89	1.00	0.34			
10	25-29	Current MRTP	85.00	9.29					
10	25-29	Current Dual	28.00	3.06					
10	25-29	Former	67.00	7.32			4.07	23.00	34.33
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	483.00	50.42					
10	30-34	Current CC	160.00	16.70	10.00	3.39			
10	30-34	Current MRTP	116.00	12.11					
10	30-34	Current Dual	19.00	1.98					
10	30-34	Former	180.00	18.79			6.93	30.00	16.67
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	474.00	44.13					
10	35-39	Current CC	213.00	19.83	16.00	4.51			
10	35-39	Current MRTP	128.00	11.92					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	245.00	22.81			9.03	28.00	11.43
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	470.00	43.40					
10	40-44	Current CC	186.00	17.17	21.00	6.73			
10	40-44	Current MRTP	120.00	11.08					
10	40-44	Current Dual	6.00	0.55					
10	40-44	Former	301.00	27.79			10.67	25.00	8.31
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	402.00	41.32					
10	45-49	Current CC	156.00	16.03	19.00	7.69			
10	45-49	Current MRTP	86.00	8.84					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	324.00	33.30			14.52	19.00	5.86
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 17 (APPENDIX_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	106.00	12.34	24.00	10.67			
10	50-54	Current MRTP	111.00	12.92					
10	50-54	Current Dual	8.00	0.93					
10	50-54	Former	326.00	37.95			16.37	16.00	4.91
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	107.00	16.98	18.00	10.29			
10	55-59	Current MRTP	68.00	10.79					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	263.00	41.75			19.46	16.00	6.08
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	74.00	14.12	12.00	9.38			
10	60-64	Current MRTP	51.00	9.73					
10	60-64	Current Dual	3.00	0.57					
10	60-64	Former	241.00	45.99			19.34	16.00	6.64
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	141.00	27.38					
10	65-69	Current CC	63.00	12.23	14.00	14.00			
10	65-69	Current MRTP	36.00	6.99					
10	65-69	Current Dual	1.00	0.19					
10	65-69	Former	274.00	53.20			20.60	11.00	4.01
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	27.00	23.08			
10	70-74	Current MRTP	48.00	9.60					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	263.00	52.60			24.22	19.00	7.22
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	16.00	21.92			
10	75-79	Current MRTP	34.00	7.59					
10	75-79	Current Dual	2.00	0.45					
10	75-79	Former	269.00	60.04			25.24	10.00	3.72
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	3856.00	43.19					
15	All Ages	Current CC	1076.00	12.05	255.00	11.15			
15	All Ages	Current MRTP	1089.00	12.20					
15	All Ages	Current Dual	121.00	1.36					
15	All Ages	Former	2785.00	31.20			17.56	192.00	6.89
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	608.00	67.86					
15	25-29	Current CC	134.00	14.96	0.00	0.00			
15	25-29	Current MRTP	86.00	9.60					
15	25-29	Current Dual	20.00	2.23					
15	25-29	Former	48.00	5.36			3.48	16.00	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	520.00	56.83					

Results for PHIM for Run 17 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	131.00	14.32	7.00	2.48			
15	30-34	Current MRTP	123.00	13.44					
15	30-34	Current Dual	28.00	3.06					
15	30-34	Former	113.00	12.35			5.63	27.00	23.89
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	468.00	48.85					
15	35-39	Current CC	120.00	12.53	19.00	6.81			
15	35-39	Current MRTP	138.00	14.41					
15	35-39	Current Dual	21.00	2.19					
15	35-39	Former	211.00	22.03			9.98	16.00	7.58
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	472.00	43.95					
15	40-44	Current CC	141.00	13.13	27.00	8.26			
15	40-44	Current MRTP	168.00	15.64					
15	40-44	Current Dual	18.00	1.68					
15	40-44	Former	275.00	25.61			12.17	13.00	4.73
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	470.00	43.40					
15	45-49	Current CC	136.00	12.56	29.00	10.36			
15	45-49	Current MRTP	136.00	12.56					
15	45-49	Current Dual	8.00	0.74					
15	45-49	Former	333.00	30.75			13.81	19.00	5.71
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	402.00	41.32					
15	50-54	Current CC	109.00	11.20	29.00	12.61			
15	50-54	Current MRTP	113.00	11.61					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	341.00	35.05			17.89	17.00	4.99
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	31.00	16.67			
15	55-59	Current MRTP	108.00	12.57					
15	55-59	Current Dual	4.00	0.47					
15	55-59	Former	365.00	42.49			18.56	23.00	6.30
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	30.00	19.35			
15	60-64	Current MRTP	75.00	11.90					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	283.00	44.92			21.54	18.00	6.36
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	19.00	17.27			
15	65-69	Current MRTP	51.00	9.73					
15	65-69	Current Dual	5.00	0.95					
15	65-69	Former	259.00	49.43			21.17	13.00	5.02
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	23.00	26.14			
15	70-74	Current MRTP	37.00	7.18					
15	70-74	Current Dual	5.00	0.97					
15	70-74	Former	286.00	55.53			23.22	10.00	3.50
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	120.00	24.00					
15	75-79	Current CC	51.00	10.20	41.00	37.61			
15	75-79	Current MRTP	54.00	10.80					
15	75-79	Current Dual	4.00	0.80					
15	75-79	Former	271.00	54.20			25.68	20.00	7.38
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	3676.00	43.62					
20	All Ages	Current CC	728.00	8.64	303.00	15.49			

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20	All Ages	Current MRTP	1112.00	13.20					
20	All Ages	Current Dual	116.00	1.38					
20	All Ages	Former	2795.00	33.17			18.43	206.00	7.37

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	575.00	64.17					
20	30-34	Current CC	99.00	11.05	5.00	2.14			
20	30-34	Current MRTP	114.00	12.72					
20	30-34	Current Dual	21.00	2.34					
20	30-34	Former	87.00	9.71			5.44	14.00	16.09

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	502.00	54.86					
20	35-39	Current CC	89.00	9.73	16.00	6.13			
20	35-39	Current MRTP	148.00	16.17					
20	35-39	Current Dual	24.00	2.62					
20	35-39	Former	152.00	16.61			7.87	18.00	11.84

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	459.00	47.91					
20	40-44	Current CC	83.00	8.66	23.00	9.39			
20	40-44	Current MRTP	145.00	15.14					
20	40-44	Current Dual	17.00	1.77					
20	40-44	Former	254.00	26.51			12.12	27.00	10.63

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	472.00	43.95					
20	45-49	Current CC	109.00	10.15	37.00	13.03			
20	45-49	Current MRTP	161.00	14.99					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	318.00	29.61			14.28	33.00	10.38

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	470.00	43.40					
20	50-54	Current CC	88.00	8.13	43.00	16.93			
20	50-54	Current MRTP	163.00	15.05					
20	50-54	Current Dual	3.00	0.28					
20	50-54	Former	359.00	33.15			16.62	21.00	5.85

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	402.00	41.32					
20	55-59	Current CC	79.00	8.12	35.00	18.23			
20	55-59	Current MRTP	107.00	11.00					
20	55-59	Current Dual	6.00	0.62					
20	55-59	Former	379.00	38.95			19.84	32.00	8.44

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	42.00	24.85			
20	60-64	Current MRTP	103.00	11.99					

Results for PHIM for Run 17 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	8.00	0.93					
20	60-64	Former	382.00	44.47			21.25	16.00	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 CC	54.00	8.57	41.00	28.67			
20	65-69	Current MRTP	80.00	12.70					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	295.00	46.83			23.37	15.00	5.08

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	38.00	7.25	33.00	34.02			
20	70-74	Current MRTP	52.00	9.92					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	272.00	51.91			23.38	14.00	5.15

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	31.00	6.02	28.00	36.36			
20	75-79	Current MRTP	39.00	7.57					
20	75-79	Current Dual	7.00	1.36					
20	75-79	Former	297.00	57.67			24.80	16.00	5.39

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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	124009.131	123.453	0.039	0.099	4845.61	1920.39	1918.48	1.910
1992	308577	122143.718	121784.810	358.908	0.116	0.294	4692.62	1857.47	1852.02	5.458
1993	311713	123269.216	122537.243	731.973	0.235	0.594	4656.77	1841.55	1830.62	10.935
1994	305700	120480.723	119323.100	1157.624	0.379	0.961	4482.57	1766.64	1749.67	16.975
1995	303225	118666.569	116968.945	1697.624	0.560	1.431	4361.58	1706.89	1682.48	24.419
1996	299559	116607.195	114434.913	2172.281	0.725	1.863	4242.85	1651.58	1620.82	30.767
1997	294226	114665.051	112010.049	2655.002	0.902	2.315	4100.64	1598.09	1561.09	37.003
1998	289258	113038.380	109745.894	3292.486	1.138	2.913	3966.28	1549.97	1504.82	45.146
1999	311002	117067.463	112605.113	4462.350	1.435	3.812	4198.14	1580.27	1520.03	60.236
2000	303786	114977.407	109887.280	5090.128	1.676	4.427	4041.13	1529.49	1461.78	67.712
2001	296294	113047.319	107431.675	5615.644	1.895	4.968	3890.54	1484.39	1410.65	73.737
2002	291898	111744.742	105438.262	6306.479	2.161	5.644	3789.34	1450.64	1368.77	81.869
2003	285865	110551.854	103347.110	7204.744	2.520	6.517	3671.31	1419.80	1327.27	92.529
2004	274177	107418.262	99710.283	7707.979	2.811	7.176	3481.92	1364.16	1266.28	97.888
2005	272379	107678.770	99266.018	8412.752	3.089	7.813	3417.44	1351.01	1245.46	105.552
2006	264118	104357.806	95483.163	8874.644	3.360	8.504	3281.83	1296.71	1186.44	110.273
2007	258419	102690.449	93339.754	9350.696	3.618	9.106	3176.05	1262.10	1147.18	114.923
2008	259461	103492.166	93204.325	10287.84	3.965	9.941	3150.91	1256.82	1131.88	124.936
2009	253907	101384.044	90495.096	10888.95	4.289	10.740	3045.20	1215.94	1085.34	130.595

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	2176852.125	96391.55	1.658	4.240	3927.78	1535.76	1470.64	65.120

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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_17_Vary_parameter_combinations.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	63047.112	21.674	0.028	0.034	1213.84	975.702	975.367	0.335
1992	77987	62535.347	62472.614	62.734	0.080	0.100	1185.97	950.993	950.039	0.954
1993	78542	62883.111	62760.823	122.288	0.156	0.194	1173.36	939.428	937.601	1.827
1994	77437	61805.804	61607.623	198.181	0.256	0.321	1135.48	906.276	903.370	2.906
1995	76904	61145.799	60854.625	291.174	0.379	0.476	1106.18	879.519	875.330	4.188
1996	76232	60385.323	60008.175	377.147	0.495	0.625	1079.72	855.277	849.935	5.342
1997	75473	59549.806	59092.049	457.757	0.607	0.769	1051.87	829.947	823.567	6.380
1998	75381	59292.315	58670.723	621.592	0.825	1.048	1033.62	813.010	804.487	8.523
1999	73159	57398.351	56628.697	769.654	1.052	1.341	987.557	774.807	764.418	10.389
2000	73784	57716.549	56767.330	949.219	1.286	1.645	981.515	767.777	755.150	12.627
2001	73294	57211.877	56136.663	1075.215	1.467	1.879	962.399	751.230	737.112	14.118
2002	72442	56438.810	55215.657	1223.153	1.688	2.167	940.422	732.673	716.795	15.879
2003	71942	55948.341	54509.231	1439.110	2.000	2.572	923.937	718.533	700.051	18.482
2004	71301	55339.218	53717.158	1622.060	2.275	2.931	905.490	702.783	682.183	20.599
2005	70964	54964.459	53188.665	1775.795	2.502	3.231	890.360	689.620	667.339	22.280
2006	69658	53781.526	51876.332	1905.194	2.735	3.542	865.543	668.268	644.595	23.673
2007	68565	52784.985	50728.587	2056.398	2.999	3.896	842.687	648.745	623.471	25.274
2008	68226	52470.692	50148.369	2322.324	3.404	4.426	828.542	637.208	609.006	28.202
2009	67509	51823.021	49285.217	2537.804	3.759	4.897	809.661	621.533	591.097	30.437

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	1140160.055	19828.47	1.343	1.709	997.213	783.665	770.269	13.396

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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 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	36988.039	79.345	0.047	0.214	2599.72	573.449	572.221	1.228
1992	164548	35863.851	35634.159	229.692	0.140	0.640	2502.33	545.392	541.899	3.493
1993	164362	35459.800	34984.381	475.419	0.289	1.341	2455.45	529.744	522.641	7.102
1994	159866	34293.631	33558.584	735.047	0.460	2.143	2344.16	502.857	492.079	10.778
1995	158083	33531.695	32459.498	1072.196	0.678	3.198	2273.86	482.318	466.896	15.422
1996	154875	32438.163	31074.085	1364.078	0.881	4.205	2193.60	459.443	440.123	19.320
1997	149970	31179.663	29517.964	1661.699	1.108	5.329	2090.14	434.552	411.393	23.159
1998	145407	29860.736	27879.200	1981.536	1.363	6.636	1993.81	409.447	382.277	27.171
1999	165952	34413.904	31616.459	2797.446	1.686	8.129	2240.15	464.545	426.783	37.762
2000	160260	33265.290	30150.909	3114.381	1.943	9.362	2131.87	442.513	401.084	41.429
2001	154444	32074.102	28666.162	3407.940	2.207	10.625	2027.95	421.154	376.406	44.749
2002	151887	31817.956	28008.869	3809.088	2.508	11.972	1971.76	413.052	363.604	49.449
2003	146733	31025.931	26747.128	4278.804	2.916	13.791	1884.46	398.460	343.508	54.952
2004	138381	29503.602	25007.109	4496.493	3.249	15.240	1757.38	374.682	317.579	57.103
2005	135881	29077.894	24212.577	4865.317	3.581	16.732	1704.85	364.830	303.787	61.043
2006	131922	28385.448	23249.334	5136.113	3.893	18.094	1639.21	352.707	288.887	63.819
2007	126502	27327.625	22031.516	5296.109	4.187	19.380	1554.75	335.866	270.775	65.091
2008	125859	27025.472	21357.227	5668.245	4.504	20.974	1528.44	328.199	259.364	68.836
2009	122428	26361.626	20451.583	5910.043	4.827	22.419	1468.33	316.165	245.284	70.881

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	581977.682	56378.99	1.881	8.832	2024.64	431.261	393.173	38.089

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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_17_Vary_parameter_combinations.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	4476.934	11.049	0.034	0.246	504.630	69.431	69.260	0.171
1992	32100	4371.196	4338.482	32.714	0.102	0.748	488.154	66.474	65.977	0.497
1993	32896	4414.136	4342.403	71.733	0.218	1.625	491.442	65.944	64.872	1.072
1994	33323	4474.895	4356.141	118.754	0.356	2.654	488.625	65.617	63.875	1.741
1995	33569	4476.290	4298.903	177.388	0.528	3.963	482.855	64.387	61.835	2.552
1996	33870	4489.078	4260.293	228.785	0.675	5.096	479.723	63.582	60.341	3.240
1997	33516	4444.866	4156.363	288.503	0.861	6.491	467.113	61.948	57.927	4.021
1998	32795	4313.427	3979.285	334.141	1.019	7.747	449.682	59.145	54.564	4.582
1999	33375	4232.739	3834.311	398.428	1.194	9.413	450.521	57.137	51.758	5.378
2000	33459	4307.577	3860.567	447.010	1.336	10.377	445.090	57.302	51.355	5.946
2001	32275	4136.308	3659.785	476.523	1.476	11.520	423.792	54.312	48.055	6.257
2002	31586	4079.175	3553.260	525.914	1.665	12.893	410.041	52.955	46.127	6.827
2003	30985	4096.221	3482.084	614.137	1.982	14.993	397.934	52.607	44.720	7.887
2004	29884	4034.217	3377.292	656.925	2.198	16.284	379.513	51.233	42.890	8.343
2005	28708	3944.303	3237.285	707.018	2.463	17.925	360.189	49.488	40.617	8.871
2006	28188	3970.169	3199.724	770.445	2.733	19.406	350.253	49.332	39.759	9.573
2007	28026	3957.558	3142.109	815.448	2.910	20.605	344.449	48.640	38.618	10.022
2008	27128	3812.302	2979.856	832.445	3.069	21.836	329.444	46.297	36.188	10.109
2009	27068	3827.467	2930.684	896.783	3.313	23.430	324.637	45.904	35.149	10.755

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	76053.358	8404.145	1.338	9.951	424.421	57.058	51.380	5.678

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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	19497.047	11.384	0.033	0.058	527.418	301.804	301.628	0.176
1992	33942	19373.324	19339.556	33.768	0.099	0.174	516.166	294.616	294.102	0.514
1993	35913	20512.169	20449.636	62.533	0.174	0.305	536.514	306.437	305.503	0.934
1994	35074	19906.392	19800.751	105.641	0.301	0.531	514.300	291.893	290.344	1.549
1995	34669	19512.784	19355.918	156.866	0.452	0.804	498.677	280.671	278.415	2.256
1996	34582	19294.631	19092.359	202.271	0.585	1.048	489.808	273.283	270.418	2.865
1997	35267	19490.717	19243.673	247.044	0.700	1.267	491.517	271.643	268.200	3.443
1998	35675	19571.902	19216.686	355.216	0.996	1.815	489.172	268.368	263.497	4.871
1999	38516	21022.469	20525.647	496.822	1.290	2.363	519.919	283.777	277.071	6.706
2000	36283	19687.992	19108.474	579.518	1.597	2.944	482.656	261.900	254.191	7.709
2001	36281	19625.032	18969.065	655.966	1.808	3.342	476.394	257.690	249.076	8.613
2002	35983	19408.801	18660.476	748.324	2.080	3.856	467.122	251.960	242.245	9.715
2003	36205	19481.360	18608.667	872.693	2.410	4.480	464.974	250.195	238.987	11.208
2004	34611	18541.224	17608.724	932.501	2.694	5.029	439.544	235.465	223.623	11.842
2005	36826	19692.114	18627.492	1064.622	2.891	5.406	462.043	247.070	233.713	13.357
2006	34350	18220.663	17157.772	1062.891	3.094	5.833	426.820	226.403	213.196	13.207
2007	35326	18620.282	17437.541	1182.740	3.348	6.352	434.168	228.849	214.313	14.536
2008	38248	20183.701	18718.873	1464.827	3.830	7.257	464.487	245.112	227.323	17.789
2009	36902	19371.930	17827.613	1544.317	4.185	7.972	442.580	232.335	213.813	18.522

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	378661.030	11779.94	1.653	3.017	481.512	263.774	255.816	7.958

Results for PHIM for Run 18 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN9
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_17_Vary_parameter_combinations
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

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 18 (APPENDIX_17_Vary_parameter_combinations.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	RUN9

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.004000	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.004000	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.004000	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.004000	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.004000	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.004000	0.008000

Results for PHIM for Run 18 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1629.00	17.94	107.00	4.86			
5	All Ages	Current MRTP	507.00	5.58					
5	All Ages	Current Dual	64.00	0.70					
5	All Ages	Former	1998.00	22.00			14.74	126.00	6.31

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
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 18 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	205.00	24.29	3.00	1.20			
5	20-24	Current MRTP	37.00	4.38					
5	20-24	Current Dual	9.00	1.07					
5	20-24	Former	18.00	2.13			3.33	7.00	38.89
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	457.00	54.99					
5	25-29	Current CC	168.00	20.22	9.00	3.70			
5	25-29	Current MRTP	60.00	7.22					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	131.00	15.76			5.49	14.00	10.69
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	516.00	51.65					
5	30-34	Current CC	223.00	22.32	14.00	4.70			
5	30-34	Current MRTP	67.00	6.71					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	185.00	18.52			7.64	15.00	8.11
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	550.00	49.02					
5	35-39	Current CC	231.00	20.59	6.00	1.85			
5	35-39	Current MRTP	85.00	7.58					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	248.00	22.10			8.23	17.00	6.85
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	489.00	50.41					
5	40-44	Current CC	157.00	16.19	8.00	3.54			
5	40-44	Current MRTP	62.00	6.39					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	255.00	26.29			11.49	13.00	5.10
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	11.00	5.67			
5	45-49	Current MRTP	49.00	6.04					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	195.00	24.04			11.69	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 CC	122.00	19.65	9.00	5.70			
5	50-54	Current MRTP	34.00	5.48					
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	72.00	14.75	7.00	7.14			
5	60-64	Current MRTP	24.00	4.92					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	140.00	28.69			20.07	8.00	5.71
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	82.00	15.30	10.00	9.80			
5	65-69	Current MRTP	19.00	3.54					
5	65-69	Current Dual	1.00	0.19					
5	65-69	Former	174.00	32.46			20.17	12.00	6.90
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	63.00	11.69	10.00	12.20			
5	70-74	Current MRTP	17.00	3.15					
5	70-74	Current Dual	2.00	0.37					
5	70-74	Former	177.00	32.84			24.53	7.00	3.95

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	11.00	19.64			
5	75-79	Current MRTP	15.00	3.09					
5	75-79	Current Dual	2.00	0.41					
5	75-79	Former	163.00	33.54			27.53	5.00	3.07

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	4869.00	53.45					
10	All Ages	Current CC	1219.00	13.38	169.00	7.89			
10	All Ages	Current MRTP	808.00	8.87					
10	All Ages	Current Dual	116.00	1.27					
10	All Ages	Former	2097.00	23.02			15.66	170.00	8.11

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	632.00	77.74					
10	20-24	Current CC	120.00	14.76	1.00	0.63			
10	20-24	Current MRTP	29.00	3.57					
10	20-24	Current Dual	11.00	1.35					
10	20-24	Former	21.00	2.58			2.38	11.00	52.38

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	527.00	62.44					
10	25-29	Current CC	165.00	19.55	4.00	1.48			
10	25-29	Current MRTP	85.00	10.07					
10	25-29	Current Dual	21.00	2.49					
10	25-29	Former	46.00	5.45			4.37	15.00	32.61

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	423.00	50.90					
10	30-34	Current CC	128.00	15.40	15.00	6.25			
10	30-34	Current MRTP	87.00	10.47					
10	30-34	Current Dual	25.00	3.01					
10	30-34	Former	168.00	20.22			8.12	22.00	13.10

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	493.00	49.35					
10	35-39	Current CC	158.00	15.82	23.00	7.82			
10	35-39	Current MRTP	119.00	11.91					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	212.00	21.22			10.48	21.00	9.91

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	540.00	48.13					
10	40-44	Current CC	153.00	13.64	20.00	6.76			
10	40-44	Current MRTP	130.00	11.59					
10	40-44	Current Dual	13.00	1.16					
10	40-44	Former	286.00	25.49			11.13	23.00	8.04

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	489.00	50.41					
10	45-49	Current CC	106.00	10.93	22.00	10.68			
10	45-49	Current MRTP	93.00	9.59					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	275.00	28.35			14.89	9.00	3.27

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	99.00	12.21	17.00	9.77			
10	50-54	Current MRTP	72.00	8.88					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	215.00	26.51			14.41	18.00	8.37
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	85.00	13.69	12.00	8.57			
10	55-59	Current MRTP	50.00	8.05					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	180.00	28.99			17.92	10.00	5.56
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	64.00	11.96	10.00	8.62			
10	60-64	Current MRTP	50.00	9.35					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	167.00	31.21			18.02	7.00	4.19
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	49.00	10.04	10.00	11.49			
10	65-69	Current MRTP	33.00	6.76					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	151.00	30.94			22.28	8.00	5.30
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	48.00	8.96	11.00	13.10			
10	70-74	Current MRTP	34.00	6.34					
10	70-74	Current Dual	2.00	0.37					
10	70-74	Former	192.00	35.82			22.03	13.00	6.77
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	24.00	32.00			
10	75-79	Current MRTP	26.00	4.82					
10	75-79	Current Dual	5.00	0.93					
10	75-79	Former	184.00	34.14			26.03	13.00	7.07
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	4463.00	52.08					
15	All Ages	Current CC	849.00	9.91	196.00	10.32			
15	All Ages	Current MRTP	918.00	10.71					
15	All Ages	Current Dual	132.00	1.54					
15	All Ages	Former	2208.00	25.76			16.42	164.00	7.43
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	569.00	69.99					
15	25-29	Current CC	111.00	13.65	1.00	0.51			
15	25-29	Current MRTP	66.00	8.12					
15	25-29	Current Dual	19.00	2.34					
15	25-29	Former	48.00	5.90			4.13	15.00	31.25
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	482.00	57.11					

Results for PHIM for Run 18 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	129.00	15.28	7.00	2.46			
15	30-34	Current MRTP	123.00	14.57					
15	30-34	Current Dual	32.00	3.79					
15	30-34	Former	78.00	9.24			6.33	10.00	12.82
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	409.00	49.22					
15	35-39	Current CC	89.00	10.71	20.00	9.35			
15	35-39	Current MRTP	103.00	12.39					
15	35-39	Current Dual	22.00	2.65					
15	35-39	Former	208.00	25.03			10.42	21.00	10.10
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	48.95					
15	40-44	Current CC	107.00	10.71	28.00	11.20			
15	40-44	Current MRTP	127.00	12.71					
15	40-44	Current Dual	16.00	1.60					
15	40-44	Former	260.00	26.03			12.34	26.00	10.00
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	540.00	48.13					
15	45-49	Current CC	104.00	9.27	23.00	9.24			
15	45-49	Current MRTP	136.00	12.12					
15	45-49	Current Dual	9.00	0.80					
15	45-49	Former	333.00	29.68			13.62	19.00	5.71
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	489.00	50.41					
15	50-54	Current CC	70.00	7.22	26.00	14.94			
15	50-54	Current MRTP	94.00	9.69					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	307.00	31.65			17.26	14.00	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	70.00	8.63	19.00	12.42			
15	55-59	Current MRTP	79.00	9.74					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	236.00	29.10			17.05	15.00	6.36
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	17.00	14.05			
15	60-64	Current MRTP	60.00	9.66					
15	60-64	Current Dual	7.00	1.13					
15	60-64	Former	199.00	32.05			19.96	12.00	6.03
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	51.00	9.53	20.00	18.87			
15	65-69	Current MRTP	50.00	9.35					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	177.00	33.08			20.65	12.00	6.78
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	250.00	51.23					
15	70-74	Current CC	32.00	6.56	14.00	18.92			
15	70-74	Current MRTP	38.00	7.79					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	164.00	33.61			23.60	11.00	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	32.00	5.97	21.00	26.92			
15	75-79	Current MRTP	42.00	7.84					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	198.00	36.94			24.41	9.00	4.55
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	4144.00	51.58					
20	All Ages	Current CC	590.00	7.34	218.00	13.55			

Results for PHIM for Run 18 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	905.00	11.26					
20	All Ages	Current Dual	114.00	1.42					
20	All Ages	Former	2281.00	28.39			17.53	158.00	6.93

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	536.00	65.93					
20	30-34	Current CC	90.00	11.07	2.00	1.00			
20	30-34	Current MRTP	92.00	11.32					
20	30-34	Current Dual	18.00	2.21					
20	30-34	Former	77.00	9.47			6.29	12.00	15.58

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	466.00	55.21					
20	35-39	Current CC	85.00	10.07	10.00	4.00			
20	35-39	Current MRTP	140.00	16.59					
20	35-39	Current Dual	25.00	2.96					
20	35-39	Former	128.00	15.17			7.30	23.00	17.97

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	399.00	48.01					
20	40-44	Current CC	61.00	7.34	27.00	13.57			
20	40-44	Current MRTP	117.00	14.08					
20	40-44	Current Dual	21.00	2.53					
20	40-44	Former	233.00	28.04			13.53	10.00	4.29

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	48.95					
20	45-49	Current CC	84.00	8.41	28.00	12.79			
20	45-49	Current MRTP	123.00	12.31					
20	45-49	Current Dual	12.00	1.20					
20	45-49	Former	291.00	29.13			14.95	14.00	4.81

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	540.00	48.13					
20	50-54	Current CC	80.00	7.13	33.00	15.94			
20	50-54	Current MRTP	118.00	10.52					
20	50-54	Current Dual	9.00	0.80					
20	50-54	Former	375.00	33.42			16.05	27.00	7.20

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	489.00	50.41					
20	55-59	Current CC	44.00	4.54	27.00	19.15			
20	55-59	Current MRTP	89.00	9.18					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	340.00	35.05			19.39	20.00	5.88

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	422.00	52.03					
20	60-64	Current CC	49.00	6.04	24.00	19.05			
20	60-64	Current MRTP	73.00	9.00					

Results for PHIM for Run 18 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	4.00	0.49					
20	60-64	Former	263.00	32.43			19.10	16.00	6.08

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	41.00	6.60	23.00	20.00			
20	65-69	Current MRTP	68.00	10.95					
20	65-69	Current Dual	6.00	0.97					
20	65-69	Former	205.00	33.01			23.08	8.00	3.90

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	33.00	6.17	19.00	22.09			
20	70-74	Current MRTP	49.00	9.16					
20	70-74	Current Dual	4.00	0.75					
20	70-74	Former	197.00	36.82			22.46	15.00	7.61

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	23.00	4.71	25.00	37.88			
20	75-79	Current MRTP	36.00	7.38					
20	75-79	Current Dual	7.00	1.43					
20	75-79	Former	172.00	35.25			24.87	13.00	7.56

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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	59084.914	42.948	0.022	0.073	2826.86	839.248	838.638	0.610
1992	198532	60226.142	60124.340	101.802	0.051	0.169	2778.64	842.922	841.497	1.425
1993	202512	62332.320	62099.598	232.722	0.115	0.373	2793.47	859.818	856.607	3.210
1994	200658	62691.239	62329.688	361.551	0.180	0.577	2725.82	851.622	846.711	4.911
1995	201023	63132.954	62562.060	570.894	0.284	0.904	2687.54	844.043	836.411	7.632
1996	201180	64309.880	63605.506	704.374	0.350	1.095	2653.67	848.280	838.989	9.291
1997	198639	64547.894	63639.072	908.822	0.458	1.408	2583.39	839.475	827.655	11.820
1998	197573	65384.866	64206.944	1177.922	0.596	1.802	2533.29	838.367	823.264	15.103
1999	211329	67554.762	65886.459	1668.303	0.789	2.470	2673.14	854.513	833.411	21.103
2000	208496	68184.366	66117.171	2067.195	0.991	3.032	2604.20	851.652	825.832	25.820
2001	203606	68286.060	65716.216	2569.844	1.262	3.763	2514.65	843.372	811.633	31.739
2002	200828	68983.996	66025.490	2958.506	1.473	4.289	2455.47	843.450	807.277	36.173
2003	196352	68717.830	65313.844	3403.986	1.734	4.954	2377.49	832.057	790.841	41.217
2004	188160	67344.952	63412.074	3932.878	2.090	5.840	2254.66	806.974	759.847	47.126
2005	186416	67846.650	63419.998	4426.652	2.375	6.524	2208.07	803.634	751.201	52.433
2006	180088	66622.465	61592.030	5030.434	2.793	7.551	2113.55	781.893	722.855	59.038
2007	175644	65977.201	60588.032	5389.169	3.068	8.168	2039.92	766.256	703.667	62.590
2008	177570	67121.344	61243.013	5878.330	3.310	8.758	2039.03	770.751	703.250	67.501
2009	172806	66622.993	60168.250	6454.743	3.735	9.688	1961.22	756.123	682.866	73.257

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	1254435.288	47881.08	1.228	3.677	2465.77	823.300	793.030	30.270

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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_17_Vary_parameter_combinations.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	31518.453	11.566	0.026	0.037	620.154	447.530	447.366	0.164
1992	45423	32811.446	32787.149	24.297	0.053	0.074	635.738	459.227	458.887	0.340
1993	46291	33467.735	33413.373	54.363	0.117	0.162	638.542	461.657	460.907	0.750
1994	47017	33989.389	33911.936	77.452	0.165	0.228	638.697	461.725	460.673	1.052
1995	47840	34566.580	34432.161	134.419	0.281	0.389	639.587	462.131	460.334	1.797
1996	48244	34997.958	34841.274	156.684	0.325	0.448	636.363	461.641	459.574	2.067
1997	49035	35549.658	35337.170	212.487	0.433	0.598	637.723	462.340	459.576	2.763
1998	49686	36138.033	35852.927	285.107	0.574	0.789	637.076	463.363	459.707	3.656
1999	48883	35506.142	35124.702	381.440	0.780	1.074	618.331	449.124	444.299	4.825
2000	50331	36573.306	36066.264	507.043	1.007	1.386	628.656	456.816	450.483	6.333
2001	50389	36733.445	36079.271	654.175	1.298	1.781	622.333	453.679	445.600	8.079
2002	51445	37627.700	36835.581	792.119	1.540	2.105	629.005	460.065	450.379	9.685
2003	51408	37552.784	36613.021	939.763	1.828	2.503	622.464	454.701	443.322	11.379
2004	51399	37527.823	36391.667	1136.156	2.210	3.028	615.898	449.684	436.070	13.614
2005	51421	37486.186	36186.277	1299.910	2.528	3.468	609.074	444.018	428.621	15.397
2006	51355	37409.496	35859.674	1549.822	3.018	4.143	602.712	439.045	420.856	18.189
2007	51839	37602.867	35874.888	1727.980	3.333	4.595	602.056	436.718	416.649	20.069
2008	50976	36986.957	35152.701	1834.256	3.598	4.959	585.355	424.719	403.657	21.063
2009	51193	37201.944	35094.770	2107.174	4.116	5.664	581.003	422.215	398.300	23.915

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	698018.627	13886.21	1.416	1.951	619.890	450.053	441.274	8.779

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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 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	12647.188	15.791	0.016	0.125	1368.32	179.735	179.511	0.224
1992	93721	12337.995	12292.890	45.106	0.048	0.366	1311.71	172.682	172.051	0.631
1993	93679	12401.934	12295.840	106.095	0.113	0.855	1292.22	171.073	169.610	1.463
1994	90832	12128.576	11949.250	179.326	0.197	1.479	1233.90	164.759	162.323	2.436
1995	89698	11958.696	11692.524	266.172	0.297	2.226	1199.20	159.879	156.321	3.559
1996	88286	12020.749	11669.950	350.799	0.397	2.918	1164.54	158.560	153.933	4.627
1997	84777	11593.724	11154.633	439.091	0.518	3.787	1102.56	150.782	145.071	5.711
1998	82517	11337.035	10789.684	547.351	0.663	4.828	1058.04	145.364	138.346	7.018
1999	93939	13027.458	12214.654	812.803	0.865	6.239	1188.25	164.787	154.506	10.281
2000	90039	12607.547	11663.799	943.748	1.048	7.486	1124.63	157.474	145.686	11.788
2001	86119	12350.451	11203.531	1146.919	1.332	9.286	1063.62	152.535	138.370	14.165
2002	83014	12112.097	10833.461	1278.635	1.540	10.557	1014.99	148.092	132.458	15.634
2003	79302	11683.252	10267.986	1415.266	1.785	12.114	960.214	141.465	124.328	17.136
2004	73861	11139.095	9547.695	1591.400	2.155	14.287	885.053	133.476	114.407	19.069
2005	71649	10884.683	9165.633	1719.050	2.399	15.793	848.672	128.927	108.566	20.362
2006	67551	10397.565	8514.419	1883.146	2.788	18.111	792.791	122.028	99.927	22.101
2007	63503	9785.831	7844.638	1941.193	3.057	19.837	737.521	113.652	91.107	22.545
2008	63171	9922.524	7830.260	2092.264	3.312	21.086	725.389	113.940	89.914	24.025
2009	59747	9483.598	7300.975	2182.622	3.653	23.015	678.085	107.632	82.861	24.771

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	213525.773	18956.78	1.148	8.154	1043.56	146.971	134.987	11.984

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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_17_Vary_parameter_combinations.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	3109.682	6.334	0.019	0.203	461.369	44.228	44.138	0.090
1992	32560	3095.448	3079.518	15.930	0.049	0.515	455.708	43.324	43.101	0.223
1993	32768	3114.516	3080.252	34.264	0.105	1.100	452.005	42.962	42.489	0.473
1994	33005	3168.398	3108.249	60.150	0.182	1.898	448.353	43.041	42.224	0.817
1995	33730	3200.274	3111.284	88.990	0.264	2.781	450.946	42.785	41.596	1.190
1996	33750	3234.738	3117.660	117.079	0.347	3.619	445.180	42.668	41.124	1.544
1997	33699	3240.665	3095.301	145.363	0.431	4.486	438.271	42.146	40.256	1.891
1998	33274	3171.578	2986.352	185.226	0.557	5.840	426.640	40.666	38.291	2.375
1999	33891	3153.786	2917.330	236.456	0.698	7.498	428.694	39.893	36.902	2.991
2000	33827	3237.043	2939.432	297.611	0.880	9.194	422.514	40.432	36.715	3.717
2001	32506	3110.972	2764.584	346.388	1.066	11.134	401.468	38.422	34.144	4.278
2002	32078	3123.298	2738.076	385.221	1.201	12.334	392.210	38.188	33.478	4.710
2003	30568	3025.984	2606.563	419.421	1.372	13.861	370.127	36.640	31.561	5.078
2004	29388	2983.453	2502.209	481.244	1.638	16.130	352.147	35.750	29.983	5.767
2005	27954	2926.679	2412.170	514.509	1.841	17.580	331.111	34.666	28.572	6.094
2006	27201	2889.308	2321.812	567.496	2.086	19.641	319.236	33.909	27.249	6.660
2007	26302	2810.025	2210.953	599.072	2.278	21.319	305.470	32.636	25.678	6.958
2008	25998	2773.025	2147.901	625.124	2.405	22.543	298.534	31.843	24.664	7.178
2009	25040	2723.293	2058.598	664.695	2.655	24.408	284.186	30.907	23.364	7.544

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	55501.170	5790.573	0.929	9.448	394.195	38.747	35.087	3.661

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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	11809.591	9.257	0.035	0.078	377.015	167.754	167.623	0.131
1992	26828	11981.252	11964.783	16.469	0.061	0.137	375.483	167.689	167.459	0.231
1993	29774	13348.134	13310.133	38.001	0.128	0.285	410.705	184.125	183.601	0.524
1994	29804	13404.876	13360.253	44.623	0.150	0.333	404.869	182.097	181.491	0.606
1995	29755	13407.404	13326.090	81.314	0.273	0.606	397.803	179.248	178.160	1.087
1996	30900	14056.435	13976.622	79.813	0.258	0.568	407.587	185.412	184.359	1.053
1997	31128	14163.848	14051.968	111.880	0.359	0.790	404.834	184.207	182.752	1.455
1998	32096	14738.220	14577.981	160.239	0.499	1.087	411.536	188.974	186.919	2.055
1999	34616	15867.376	15629.773	237.604	0.686	1.497	437.865	200.710	197.704	3.005
2000	34299	15766.470	15447.676	318.793	0.929	2.022	428.409	196.930	192.948	3.982
2001	34592	16091.193	15668.830	422.363	1.221	2.625	427.231	198.736	193.519	5.216
2002	34291	16120.902	15618.372	502.530	1.465	3.117	419.268	197.106	190.962	6.144
2003	35074	16455.810	15826.273	629.537	1.795	3.826	424.687	199.252	191.630	7.623
2004	33512	15694.580	14970.503	724.077	2.161	4.614	401.564	188.063	179.387	8.676
2005	35392	16549.102	15655.918	893.183	2.524	5.397	419.213	196.022	185.442	10.580
2006	33981	15926.096	14896.126	1029.970	3.031	6.467	398.807	186.912	174.824	12.088
2007	34000	15778.477	14657.553	1120.924	3.297	7.104	394.875	183.251	170.232	13.018
2008	37425	17438.838	16112.152	1326.686	3.545	7.608	429.749	200.249	185.015	15.234
2009	36826	17214.158	15713.907	1500.251	4.074	8.715	417.948	195.368	178.341	17.027

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	287389.719	9247.514	1.432	3.117	408.132	187.528	181.682	5.846

Results for PHIM for Run 19 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN10
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_17_Vary_parameter_combinations
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

		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 19 (APPENDIX_17_Vary_parameter_combinations.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	RUN10

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000

Results for PHIM for Run 19 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	1967.00	21.43	138.00	5.09			
5	All Ages	Current MRTP	647.00	7.05					
5	All Ages	Current Dual	97.00	1.06					
5	All Ages	Former	2566.00	27.96			15.79	119.00	4.64

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	3.00	0.88					
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 19 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	211.00	23.06	1.00	0.38			
5	20-24	Current MRTP	38.00	4.15					
5	20-24	Current Dual	15.00	1.64					
5	20-24	Former	22.00	2.40			3.41	6.00	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	527.00	55.01					
5	25-29	Current CC	223.00	23.28	6.00	1.86			
5	25-29	Current MRTP	80.00	8.35					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	109.00	11.38			5.36	8.00	7.34
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	487.00	45.34					
5	30-34	Current CC	292.00	27.19	14.00	3.42			
5	30-34	Current MRTP	105.00	9.78					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	178.00	16.57			7.03	12.00	6.74
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	474.00	43.77					
5	35-39	Current CC	264.00	24.38	12.00	3.39			
5	35-39	Current MRTP	79.00	7.29					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	255.00	23.55			7.81	13.00	5.10
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	402.00	41.32					
5	40-44	Current CC	211.00	21.69	12.00	4.27			
5	40-44	Current MRTP	66.00	6.78					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	290.00	29.80			11.53	20.00	6.90
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	180.00	20.95	14.00	5.45			
5	45-49	Current MRTP	69.00	8.03					
5	45-49	Current Dual	8.00	0.93					
5	45-49	Former	294.00	34.23			13.94	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	150.00	23.81	14.00	6.86			
5	50-54	Current MRTP	49.00	7.78					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	234.00	37.14			17.41	9.00	3.85
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	110.00	20.99	10.00	6.37			
5	55-59	Current MRTP	44.00	8.40					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	212.00	40.46			17.67	7.00	3.30
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	85.00	16.50	14.00	11.76			
5	60-64	Current MRTP	30.00	5.83					
5	60-64	Current Dual	4.00	0.78					
5	60-64	Former	255.00	49.51			18.31	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	12.00	9.45			
5	65-69	Current MRTP	30.00	6.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	253.00	50.60			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 19 (APPENDIX_17_Vary_parameter_combinations.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	17.00	18.89			
5	70-74	Current MRTP	29.00	6.47					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	252.00	56.25			23.23	5.00	1.98

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	68.00	18.94					
5	75-79	Current CC	54.00	15.04	12.00	14.81			
5	75-79	Current MRTP	23.00	6.41					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	210.00	58.50			24.52	5.00	2.38

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	4083.00	43.55					
10	All Ages	Current CC	1499.00	15.99	225.00	8.16			
10	All Ages	Current MRTP	1124.00	11.99					
10	All Ages	Current Dual	133.00	1.42					
10	All Ages	Former	2536.00	27.05			17.74	123.00	4.85

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	679.00	75.78					
10	20-24	Current CC	150.00	16.74	1.00	0.49			
10	20-24	Current MRTP	43.00	4.80					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	12.00	1.34			2.50	6.00	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	182.00	19.89	1.00	0.32			
10	25-29	Current MRTP	97.00	10.60					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	49.00	5.36			4.84	12.00	24.49

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	483.00	50.42					
10	30-34	Current CC	160.00	16.70	13.00	3.90			
10	30-34	Current MRTP	145.00	15.14					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	142.00	14.82			8.04	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	474.00	44.13					
10	35-39	Current CC	213.00	19.83	21.00	5.47			
10	35-39	Current MRTP	156.00	14.53					
10	35-39	Current Dual	15.00	1.40					
10	35-39	Former	216.00	20.11			9.82	19.00	8.80

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	470.00	43.40					
10	40-44	Current CC	186.00	17.17	26.00	7.72			
10	40-44	Current MRTP	141.00	13.02					
10	40-44	Current Dual	10.00	0.92					
10	40-44	Former	276.00	25.48			11.41	14.00	5.07

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	402.00	41.32					
10	45-49	Current CC	156.00	16.03	21.00	8.02			
10	45-49	Current MRTP	101.00	10.38					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	309.00	31.76			15.10	13.00	4.21

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 19 (APPENDIX_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	106.00	12.34	28.00	11.67			
10	50-54	Current MRTP	123.00	14.32					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	311.00	36.20			17.01	13.00	4.18
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	11.79			
10	55-59	Current MRTP	86.00	13.65					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	243.00	38.57			20.88	3.00	1.23
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	74.00	14.12	16.00	11.03			
10	60-64	Current MRTP	68.00	12.98					
10	60-64	Current Dual	3.00	0.57					
10	60-64	Former	224.00	42.75			20.65	7.00	3.13
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	17.50			
10	65-69	Current MRTP	53.00	10.29					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	254.00	49.32			21.95	4.00	1.57
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	120.00	24.00					
10	70-74	Current CC	65.00	13.00	28.00	21.54			
10	70-74	Current MRTP	61.00	12.20					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	250.00	50.00			25.36	12.00	4.80
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	26.00	28.26			
10	75-79	Current MRTP	50.00	11.16					
10	75-79	Current Dual	5.00	1.12					
10	75-79	Former	250.00	55.80			26.96	4.00	1.60
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	3856.00	43.19					
15	All Ages	Current CC	1064.00	11.92	301.00	11.29			
15	All Ages	Current MRTP	1453.00	16.28					
15	All Ages	Current Dual	149.00	1.67					
15	All Ages	Former	2405.00	26.94			19.56	119.00	4.95
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	608.00	67.86					
15	25-29	Current CC	134.00	14.96	1.00	0.39			
15	25-29	Current MRTP	101.00	11.27					
15	25-29	Current Dual	22.00	2.46					
15	25-29	Former	31.00	3.46			3.71	10.00	32.26
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	520.00	56.83					

Results for PHIM for Run 19 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	130.00	14.21	3.00	0.93			
15	30-34	Current MRTP	161.00	17.60					
15	30-34	Current Dual	32.00	3.50					
15	30-34	Former	72.00	7.87			6.67	15.00	20.83
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	468.00	48.85					
15	35-39	Current CC	116.00	12.11	21.00	6.29			
15	35-39	Current MRTP	188.00	19.62					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	156.00	16.28			11.46	9.00	5.77
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	472.00	43.95					
15	40-44	Current CC	141.00	13.13	31.00	8.42			
15	40-44	Current MRTP	210.00	19.55					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	234.00	21.79			13.22	10.00	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	470.00	43.40					
15	45-49	Current CC	134.00	12.37	36.00	11.21			
15	45-49	Current MRTP	174.00	16.07					
15	45-49	Current Dual	13.00	1.20					
15	45-49	Former	292.00	26.96			15.08	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	402.00	41.32					
15	50-54	Current CC	109.00	11.20	31.00	12.06			
15	50-54	Current MRTP	140.00	14.39					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	314.00	32.27			18.99	14.00	4.46
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	72.00	8.38	39.00	17.49			
15	55-59	Current MRTP	143.00	16.65					
15	55-59	Current Dual	8.00	0.93					
15	55-59	Former	328.00	38.18			20.18	11.00	3.35
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	79.00	12.54	34.00	18.09			
15	60-64	Current MRTP	109.00	17.30					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	250.00	39.68			23.74	11.00	4.40
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	53.00	10.11	25.00	18.12			
15	65-69	Current MRTP	78.00	14.89					
15	65-69	Current Dual	7.00	1.34					
15	65-69	Former	231.00	44.08			23.12	8.00	3.46
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	45.00	8.74	32.00	27.59			
15	70-74	Current MRTP	65.00	12.62					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	258.00	50.10			25.03	8.00	3.10
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	51.00	10.20	48.00	34.04			
15	75-79	Current MRTP	84.00	16.80					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	239.00	47.80			28.62	9.00	3.77
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	3676.00	43.62					
20	All Ages	Current CC	708.00	8.40	371.00	14.73			

Results for PHIM for Run 19 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	1650.00	19.58					
20	All Ages	Current Dual	160.00	1.90					
20	All Ages	Former	2233.00	26.50			21.41	101.00	4.52

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	575.00	64.17					
20	30-34	Current CC	98.00	10.94	5.00	1.84			
20	30-34	Current MRTP	146.00	16.29					
20	30-34	Current Dual	28.00	3.13					
20	30-34	Former	49.00	5.47			6.00	8.00	16.33

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	502.00	54.86					
20	35-39	Current CC	86.00	9.40	9.00	2.78			
20	35-39	Current MRTP	207.00	22.62					
20	35-39	Current Dual	31.00	3.39					
20	35-39	Former	89.00	9.73			9.04	10.00	11.24

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	459.00	47.91					
20	40-44	Current CC	80.00	8.35	30.00	8.98			
20	40-44	Current MRTP	221.00	23.07					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	165.00	17.22			14.76	7.00	4.24

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	472.00	43.95					
20	45-49	Current CC	108.00	10.06	45.00	12.43			
20	45-49	Current MRTP	238.00	22.16					
20	45-49	Current Dual	16.00	1.49					
20	45-49	Former	240.00	22.35			16.86	12.00	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	470.00	43.40					
20	50-54	Current CC	85.00	7.85	49.00	15.65			
20	50-54	Current MRTP	220.00	20.31					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	300.00	27.70			18.53	13.00	4.33

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	402.00	41.32					
20	55-59	Current CC	79.00	8.12	46.00	18.70			
20	55-59	Current MRTP	158.00	16.24					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	325.00	33.40			22.20	14.00	4.31

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	54.00	6.29	56.00	25.57			
20	60-64	Current MRTP	154.00	17.93					

Results for PHIM for Run 19 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	11.00	1.28					
20	60-64	Former	332.00	38.65			23.51	10.00	3.01

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	53.00	8.41	49.00	25.52			
20	65-69	Current MRTP	132.00	20.95					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	246.00	39.05			26.64	7.00	2.85

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	26.32			
20	70-74	Current MRTP	90.00	17.18					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	236.00	45.04			25.72	13.00	5.51

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	29.00	5.63	47.00	38.21			
20	75-79	Current MRTP	84.00	16.31					
20	75-79	Current Dual	10.00	1.94					
20	75-79	Former	251.00	48.74			28.00	7.00	2.79

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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	124009.131	123.453	0.039	0.099	4845.61	1920.39	1918.48	1.910
1992	308577	122143.718	121792.687	351.031	0.114	0.287	4692.62	1857.47	1852.14	5.338
1993	311713	123269.216	122559.268	709.948	0.228	0.576	4656.77	1841.55	1830.95	10.606
1994	305700	120480.723	119384.450	1096.273	0.359	0.910	4482.57	1766.64	1750.57	16.075
1995	303225	118666.569	117085.609	1580.960	0.521	1.332	4361.58	1706.89	1684.15	22.740
1996	299559	116607.195	114611.002	1996.192	0.666	1.712	4242.85	1651.58	1623.31	28.273
1997	294226	114665.051	112251.585	2413.466	0.820	2.105	4100.64	1598.09	1564.45	33.637
1998	289258	113038.380	110086.184	2952.196	1.021	2.612	3966.28	1549.97	1509.49	40.480
1999	311002	117067.463	113128.378	3939.084	1.267	3.365	4198.14	1580.27	1527.09	53.173
2000	303786	114977.407	110600.386	4377.022	1.441	3.807	4041.13	1529.49	1471.27	58.226
2001	296294	113047.319	108340.432	4706.887	1.589	4.164	3890.54	1484.39	1422.58	61.805
2002	291898	111744.742	106588.058	5156.684	1.767	4.615	3789.34	1450.64	1383.70	66.943
2003	285865	110551.854	104714.572	5837.282	2.042	5.280	3671.31	1419.80	1344.83	74.967
2004	274177	107418.262	101233.909	6184.353	2.256	5.757	3481.92	1364.16	1285.62	78.538
2005	272379	107678.770	101016.023	6662.747	2.446	6.188	3417.44	1351.01	1267.41	83.595
2006	264118	104357.806	97431.475	6926.332	2.622	6.637	3281.83	1296.71	1210.65	86.064
2007	258419	102690.449	95538.998	7151.452	2.767	6.964	3176.05	1262.10	1174.21	87.894
2008	259461	103492.166	95707.856	7784.311	3.000	7.522	3150.91	1256.82	1162.28	94.533
2009	253907	101384.044	93227.377	8156.667	3.212	8.045	3045.20	1215.94	1118.11	97.826

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	2195137.341	78106.34	1.343	3.436	3927.78	1535.76	1482.99	52.767

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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_17_Vary_parameter_combinations.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	63047.112	21.674	0.028	0.034	1213.84	975.702	975.367	0.335
1992	77987	62535.347	62474.055	61.292	0.079	0.098	1185.97	950.993	950.061	0.932
1993	78542	62883.111	62764.402	118.709	0.151	0.189	1173.36	939.428	937.655	1.773
1994	77437	61805.804	61618.160	187.644	0.242	0.304	1135.48	906.276	903.525	2.751
1995	76904	61145.799	60875.183	270.617	0.352	0.443	1106.18	879.519	875.626	3.893
1996	76232	60385.323	60040.697	344.625	0.452	0.571	1079.72	855.277	850.396	4.881
1997	75473	59549.806	59137.274	412.532	0.547	0.693	1051.87	829.947	824.198	5.749
1998	75381	59292.315	58738.024	554.290	0.735	0.935	1033.62	813.010	805.410	7.600
1999	73159	57398.351	56724.366	673.985	0.921	1.174	987.557	774.807	765.709	9.098
2000	73784	57716.549	56906.122	810.426	1.098	1.404	981.515	767.777	756.996	10.781
2001	73294	57211.877	56315.157	896.720	1.223	1.567	962.399	751.230	739.455	11.775
2002	72442	56438.810	55444.825	993.985	1.372	1.761	940.422	732.673	719.770	12.904
2003	71942	55948.341	54790.748	1157.593	1.609	2.069	923.937	718.533	703.667	14.867
2004	71301	55339.218	54042.279	1296.940	1.819	2.344	905.490	702.783	686.312	16.471
2005	70964	54964.459	53566.851	1397.608	1.969	2.543	890.360	689.620	672.084	17.535
2006	69658	53781.526	52307.350	1474.176	2.116	2.741	865.543	668.268	649.951	18.318
2007	68565	52784.985	51230.593	1554.391	2.267	2.945	842.687	648.745	629.641	19.104
2008	68226	52470.692	50725.595	1745.097	2.558	3.326	828.542	637.208	616.015	21.193
2009	67509	51823.021	49937.433	1885.589	2.793	3.639	809.661	621.533	598.919	22.615

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	1144130.635	15857.89	1.074	1.367	997.213	783.665	772.952	10.713

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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	36988.039	79.345	0.047	0.214	2599.72	573.449	572.221	1.228
1992	164548	35863.851	35638.581	225.270	0.137	0.628	2502.33	545.392	541.966	3.426
1993	164362	35459.800	34997.946	461.855	0.281	1.302	2455.45	529.744	522.844	6.900
1994	159866	34293.631	33595.367	698.264	0.437	2.036	2344.16	502.857	492.619	10.239
1995	158083	33531.695	32529.287	1002.408	0.634	2.989	2273.86	482.318	467.900	14.419
1996	154875	32438.163	31178.237	1259.926	0.814	3.884	2193.60	459.443	441.598	17.845
1997	149970	31179.663	29662.315	1517.347	1.012	4.866	2090.14	434.552	413.404	21.147
1998	145407	29860.736	28076.240	1784.497	1.227	5.976	1993.81	409.447	384.978	24.469
1999	165952	34413.904	31931.516	2482.388	1.496	7.213	2240.15	464.545	431.036	33.509
2000	160260	33265.290	30574.595	2690.695	1.679	8.089	2131.87	442.513	406.720	35.793
2001	154444	32074.102	29203.872	2870.229	1.858	8.949	2027.95	421.154	383.466	37.688
2002	151887	31817.956	28687.517	3130.439	2.061	9.839	1971.76	413.052	372.414	40.639
2003	146733	31025.931	27540.970	3484.962	2.375	11.232	1884.46	398.460	353.703	44.757
2004	138381	29503.602	25884.145	3619.457	2.616	12.268	1757.38	374.682	328.717	45.965
2005	135881	29077.894	25209.812	3868.082	2.847	13.302	1704.85	364.830	316.299	48.531
2006	131922	28385.448	24354.690	4030.758	3.055	14.200	1639.21	352.707	302.622	50.085
2007	126502	27327.625	23244.698	4082.927	3.228	14.941	1554.75	335.866	285.685	50.181
2008	125859	27025.472	22712.327	4313.145	3.427	15.960	1528.44	328.199	275.820	52.379
2009	122428	26361.626	21909.103	4452.522	3.637	16.890	1468.33	316.165	262.764	53.401

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	592302.157	46054.52	1.537	7.215	2024.64	431.261	400.148	31.114

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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_17_Vary_parameter_combinations.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	4476.934	11.049	0.034	0.246	504.630	69.431	69.260	0.171
1992	32100	4371.196	4339.377	31.819	0.099	0.728	488.154	66.474	65.990	0.484
1993	32896	4414.136	4344.796	69.341	0.211	1.571	491.442	65.944	64.908	1.036
1994	33323	4474.895	4362.869	112.027	0.336	2.503	488.625	65.617	63.974	1.643
1995	33569	4476.290	4311.406	164.885	0.491	3.684	482.855	64.387	62.015	2.372
1996	33870	4489.078	4278.995	210.084	0.620	4.680	479.723	63.582	60.606	2.976
1997	33516	4444.866	4182.093	262.773	0.784	5.912	467.113	61.948	58.286	3.662
1998	32795	4313.427	4014.394	299.033	0.912	6.933	449.682	59.145	55.045	4.100
1999	33375	4232.739	3881.764	350.975	1.052	8.292	450.521	57.137	52.399	4.738
2000	33459	4307.577	3924.526	383.051	1.145	8.892	445.090	57.302	52.206	5.096
2001	32275	4136.308	3740.634	395.674	1.226	9.566	423.792	54.312	49.117	5.195
2002	31586	4079.175	3652.834	426.340	1.350	10.452	410.041	52.955	47.420	5.535
2003	30985	4096.221	3600.562	495.659	1.600	12.100	397.934	52.607	46.241	6.366
2004	29884	4034.217	3510.919	523.297	1.751	12.971	379.513	51.233	44.587	6.646
2005	28708	3944.303	3386.329	557.973	1.944	14.146	360.189	49.488	42.487	7.001
2006	28188	3970.169	3367.343	602.826	2.139	15.184	350.253	49.332	41.841	7.490
2007	28026	3957.558	3328.626	628.932	2.244	15.892	344.449	48.640	40.910	7.730
2008	27128	3812.302	3179.540	632.762	2.333	16.598	329.444	46.297	38.613	7.684
2009	27068	3827.467	3149.723	677.744	2.504	17.707	324.637	45.904	37.776	8.128

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	77621.260	6836.244	1.088	8.094	424.421	57.058	52.439	4.618

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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	19497.047	11.384	0.033	0.058	527.418	301.804	301.628	0.176
1992	33942	19373.324	19340.674	32.650	0.096	0.169	516.166	294.616	294.119	0.497
1993	35913	20512.169	20452.125	60.044	0.167	0.293	536.514	306.437	305.540	0.897
1994	35074	19906.392	19808.054	98.339	0.280	0.494	514.300	291.893	290.451	1.442
1995	34669	19512.784	19369.734	143.051	0.413	0.733	498.677	280.671	278.613	2.058
1996	34582	19294.631	19113.073	181.558	0.525	0.941	489.808	273.283	270.711	2.572
1997	35267	19490.717	19269.903	220.814	0.626	1.133	491.517	271.643	268.565	3.077
1998	35675	19571.902	19257.526	314.376	0.881	1.606	489.172	268.368	264.057	4.311
1999	38516	21022.469	20590.732	431.736	1.121	2.054	519.919	283.777	277.950	5.828
2000	36283	19687.992	19195.143	492.849	1.358	2.503	482.656	261.900	255.344	6.556
2001	36281	19625.032	19080.769	544.263	1.500	2.773	476.394	257.690	250.543	7.147
2002	35983	19408.801	18802.881	605.919	1.684	3.122	467.122	251.960	244.094	7.866
2003	36205	19481.360	18782.293	699.067	1.931	3.588	464.974	250.195	241.217	8.978
2004	34611	18541.224	17796.565	744.659	2.152	4.016	439.544	235.465	226.008	9.457
2005	36826	19692.114	18853.031	839.083	2.279	4.261	462.043	247.070	236.542	10.528
2006	34350	18220.663	17402.092	818.571	2.383	4.493	426.820	226.403	216.232	10.171
2007	35326	18620.282	17735.080	885.201	2.506	4.754	434.168	228.849	217.970	10.879
2008	38248	20183.701	19090.394	1093.307	2.858	5.417	464.487	245.112	231.835	13.277
2009	36902	19371.930	18231.118	1140.812	3.091	5.889	442.580	232.335	218.653	13.682

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	381083.290	9357.684	1.313	2.397	481.512	263.774	257.452	6.322

Results for PHIM for Run 20 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN10
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_17_Vary_parameter_combinations
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

		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 20 (APPENDIX_17_Vary_parameter_combinations.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: 20, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		RUN10

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

****

		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	1-3	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.004000	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.004000	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.004000	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.004000	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.004000	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.004000	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.004000	0.002000

Results for PHIM for Run 20 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1630.00	17.95	118.00	5.26			
5	All Ages	Current MRTP	544.00	5.99					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1954.00	21.52			15.05	92.00	4.71

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 20 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	205.00	24.29	3.00	1.18			
5	20-24	Current MRTP	39.00	4.62					
5	20-24	Current Dual	10.00	1.18					
5	20-24	Former	15.00	1.78			3.93	4.00	26.67
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	457.00	54.99					
5	25-29	Current CC	168.00	20.22	9.00	3.66			
5	25-29	Current MRTP	63.00	7.58					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	128.00	15.40			5.61	11.00	8.59
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	516.00	51.65					
5	30-34	Current CC	223.00	22.32	12.00	3.96			
5	30-34	Current MRTP	72.00	7.21					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	180.00	18.02			7.83	11.00	6.11
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	550.00	49.02					
5	35-39	Current CC	231.00	20.59	9.00	2.71			
5	35-39	Current MRTP	92.00	8.20					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	240.00	21.39			8.48	11.00	4.58
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	489.00	50.41					
5	40-44	Current CC	158.00	16.29	8.00	3.49			
5	40-44	Current MRTP	65.00	6.70					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	252.00	25.98			11.61	11.00	4.37
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	122.00	19.65	9.00	5.59			
5	50-54	Current MRTP	37.00	5.96					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	159.00	25.60			15.88	10.00	6.29
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	6.67			
5	55-59	Current MRTP	35.00	6.54					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	148.00	27.66			15.69	5.00	3.38
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	72.00	14.75	7.00	7.07			
5	60-64	Current MRTP	24.00	4.92					
5	60-64	Current Dual	3.00	0.61					
5	60-64	Former	139.00	28.48			20.22	7.00	5.04
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	82.00	15.30	13.00	12.15			
5	65-69	Current MRTP	22.00	4.10					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	169.00	31.53			20.74	8.00	4.73
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	63.00	11.69	14.00	16.28			
5	70-74	Current MRTP	20.00	3.71					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	173.00	32.10			25.09	4.00	2.31

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	22.03			
5	75-79	Current MRTP	17.00	3.50					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	160.00	32.92			28.03	2.00	1.25

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	4869.00	53.45					
10	All Ages	Current CC	1216.00	13.35	189.00	8.15			
10	All Ages	Current MRTP	966.00	10.60					
10	All Ages	Current Dual	137.00	1.50					
10	All Ages	Former	1921.00	21.09			16.86	99.00	5.15

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	632.00	77.74					
10	20-24	Current CC	120.00	14.76	1.00	0.60			
10	20-24	Current MRTP	34.00	4.18					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	14.00	1.72			2.50	7.00	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	527.00	62.44					
10	25-29	Current CC	165.00	19.55	5.00	1.75			
10	25-29	Current MRTP	96.00	11.37					
10	25-29	Current Dual	24.00	2.84					
10	25-29	Former	32.00	3.79			5.19	9.00	28.13

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	423.00	50.90					
10	30-34	Current CC	127.00	15.28	14.00	5.34			
10	30-34	Current MRTP	108.00	13.00					
10	30-34	Current Dual	27.00	3.25					
10	30-34	Former	146.00	17.57			9.16	8.00	5.48

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	493.00	49.35					
10	35-39	Current CC	158.00	15.82	24.00	7.69			
10	35-39	Current MRTP	136.00	13.61					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	194.00	19.42			11.23	13.00	6.70

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	540.00	48.13					
10	40-44	Current CC	153.00	13.64	21.00	6.46			
10	40-44	Current MRTP	156.00	13.90					
10	40-44	Current Dual	16.00	1.43					
10	40-44	Former	257.00	22.91			12.09	10.00	3.89

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	489.00	50.41					
10	45-49	Current CC	104.00	10.72	21.00	9.59			
10	45-49	Current MRTP	106.00	10.93					
10	45-49	Current Dual	9.00	0.93					
10	45-49	Former	262.00	27.01			15.47	9.00	3.44

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	99.00	12.21	21.00	10.94			
10	50-54	Current MRTP	89.00	10.97					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	197.00	24.29			15.47	11.00	5.58
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	301.00	48.47					
10	55-59	Current CC	85.00	13.69	13.00	8.44			
10	55-59	Current MRTP	64.00	10.31					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	166.00	26.73			19.22	4.00	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	252.00	47.10					
10	60-64	Current CC	64.00	11.96	12.00	9.60			
10	60-64	Current MRTP	58.00	10.84					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	158.00	29.53			18.94	2.00	1.27
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	49.00	10.04	13.00	13.68			
10	65-69	Current MRTP	39.00	7.99					
10	65-69	Current Dual	7.00	1.43					
10	65-69	Former	143.00	29.30			23.33	7.00	4.90
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	48.00	8.96	15.00	15.79			
10	70-74	Current MRTP	42.00	7.84					
10	70-74	Current Dual	5.00	0.93					
10	70-74	Former	181.00	33.77			23.18	9.00	4.97
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	29.00	32.95			
10	75-79	Current MRTP	38.00	7.05					
10	75-79	Current Dual	6.00	1.11					
10	75-79	Former	171.00	31.73			27.78	10.00	5.85
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	4463.00	52.08					
15	All Ages	Current CC	845.00	9.86	237.00	10.61			
15	All Ages	Current MRTP	1226.00	14.31					
15	All Ages	Current Dual	163.00	1.90					
15	All Ages	Former	1873.00	21.86			18.57	88.00	4.70
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	569.00	69.99					
15	25-29	Current CC	111.00	13.65	1.00	0.47			
15	25-29	Current MRTP	79.00	9.72					
15	25-29	Current Dual	22.00	2.71					
15	25-29	Former	32.00	3.94			3.97	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	482.00	57.11					

Results for PHIM for Run 20 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	128.00	15.17	7.00	2.27			
15	30-34	Current MRTP	146.00	17.30					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	54.00	6.40			6.85	7.00	12.96
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	409.00	49.22					
15	35-39	Current CC	89.00	10.71	18.00	7.00			
15	35-39	Current MRTP	140.00	16.85					
15	35-39	Current Dual	28.00	3.37					
15	35-39	Former	165.00	19.86			12.11	10.00	6.06
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	48.95					
15	40-44	Current CC	107.00	10.71	36.00	12.12			
15	40-44	Current MRTP	170.00	17.02					
15	40-44	Current Dual	20.00	2.00					
15	40-44	Former	213.00	21.32			14.17	14.00	6.57
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	540.00	48.13					
15	45-49	Current CC	104.00	9.27	29.00	9.32			
15	45-49	Current MRTP	192.00	17.11					
15	45-49	Current Dual	15.00	1.34					
15	45-49	Former	271.00	24.15			15.65	9.00	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	489.00	50.41					
15	50-54	Current CC	70.00	7.22	30.00	14.35			
15	50-54	Current MRTP	127.00	13.09					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	272.00	28.04			18.94	7.00	2.57
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	69.00	8.51	28.00	14.97			
15	55-59	Current MRTP	112.00	13.81					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	202.00	24.91			19.11	7.00	3.47
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	301.00	48.47					
15	60-64	Current CC	54.00	8.70	19.00	13.19			
15	60-64	Current MRTP	83.00	13.37					
15	60-64	Current Dual	7.00	1.13					
15	60-64	Former	176.00	28.34			21.95	6.00	3.41
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	50.00	9.35	20.00	16.67			
15	65-69	Current MRTP	66.00	12.34					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	163.00	30.47			22.08	7.00	4.29
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	33.00	6.76	22.00	23.91			
15	70-74	Current MRTP	52.00	10.66					
15	70-74	Current Dual	7.00	1.43					
15	70-74	Former	146.00	29.92			26.02	3.00	2.05
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	30.00	5.60	27.00	27.84			
15	75-79	Current MRTP	59.00	11.01					
15	75-79	Current Dual	8.00	1.49					
15	75-79	Former	179.00	33.40			26.52	6.00	3.35
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	4144.00	51.58					
20	All Ages	Current CC	586.00	7.29	258.00	12.37			

Results for PHIM for Run 20 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	1349.00	16.79					
20	All Ages	Current Dual	151.00	1.88					
20	All Ages	Former	1804.00	22.45			20.38	92.00	5.10

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	536.00	65.93					
20	30-34	Current CC	90.00	11.07	2.00	0.87			
20	30-34	Current MRTP	117.00	14.39					
20	30-34	Current Dual	22.00	2.71					
20	30-34	Former	48.00	5.90			6.52	5.00	10.42

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	466.00	55.21					
20	35-39	Current CC	83.00	9.83	7.00	2.33			
20	35-39	Current MRTP	187.00	22.16					
20	35-39	Current Dual	30.00	3.55					
20	35-39	Former	78.00	9.24			8.45	11.00	14.10

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	399.00	48.01					
20	40-44	Current CC	61.00	7.34	21.00	8.20			
20	40-44	Current MRTP	167.00	20.10					
20	40-44	Current Dual	28.00	3.37					
20	40-44	Former	176.00	21.18			15.61	7.00	3.98

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	489.00	48.95					
20	45-49	Current CC	84.00	8.41	38.00	13.24			
20	45-49	Current MRTP	186.00	18.62					
20	45-49	Current Dual	17.00	1.70					
20	45-49	Former	223.00	22.32			17.35	9.00	4.04

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	540.00	48.13					
20	50-54	Current CC	79.00	7.04	39.00	13.18			
20	50-54	Current MRTP	204.00	18.18					
20	50-54	Current Dual	13.00	1.16					
20	50-54	Former	286.00	25.49			18.78	14.00	4.90

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	489.00	50.41					
20	55-59	Current CC	44.00	4.54	36.00	18.09			
20	55-59	Current MRTP	144.00	14.85					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	282.00	29.07			22.10	8.00	2.84

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	48.00	5.92	35.00	19.89			
20	60-64	Current MRTP	120.00	14.80					

Results for PHIM for Run 20 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	213.00	26.26			21.86	12.00	5.63

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	41.00	6.60	26.00	18.06			
20	65-69	Current MRTP	95.00	15.30					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	176.00	28.34			25.53	6.00	3.41

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	33.00	6.17	25.00	22.52			
20	70-74	Current MRTP	71.00	13.27					
20	70-74	Current Dual	7.00	1.31					
20	70-74	Former	172.00	32.15			24.99	7.00	4.07

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	23.00	4.71	29.00	32.95			
20	75-79	Current MRTP	58.00	11.89					
20	75-79	Current Dual	7.00	1.43					
20	75-79	Former	150.00	30.74			27.49	13.00	8.67

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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	59084.914	42.948	0.022	0.073	2826.86	839.248	838.638	0.610
1992	198532	60226.142	60124.708	101.434	0.051	0.168	2778.64	842.922	841.503	1.420
1993	202512	62332.320	62104.858	227.462	0.112	0.365	2793.47	859.818	856.680	3.138
1994	200658	62691.239	62351.888	339.351	0.169	0.541	2725.82	851.622	847.012	4.610
1995	201023	63132.954	62614.545	518.410	0.258	0.821	2687.54	844.043	837.113	6.931
1996	201180	64309.880	63702.703	607.177	0.302	0.944	2653.67	848.280	840.271	8.009
1997	198639	64547.894	63798.184	749.710	0.377	1.161	2583.39	839.475	829.725	9.750
1998	197573	65384.866	64435.621	949.245	0.480	1.452	2533.29	838.367	826.196	12.171
1999	211329	67554.762	66180.118	1374.644	0.650	2.035	2673.14	854.513	837.125	17.388
2000	208496	68184.366	66502.915	1681.451	0.806	2.466	2604.20	851.652	830.650	21.002
2001	203606	68286.060	66199.595	2086.465	1.025	3.055	2514.65	843.372	817.603	25.769
2002	200828	68983.996	66612.151	2371.845	1.181	3.438	2455.47	843.450	814.450	29.000
2003	196352	68717.830	66002.422	2715.408	1.383	3.952	2377.49	832.057	799.178	32.879
2004	188160	67344.952	64202.536	3142.416	1.670	4.666	2254.66	806.974	769.319	37.655
2005	186416	67846.650	64366.180	3480.470	1.867	5.130	2208.07	803.634	762.408	41.226
2006	180088	66622.465	62699.010	3923.455	2.179	5.889	2113.55	781.893	735.847	46.046
2007	175644	65977.201	61887.475	4089.726	2.328	6.199	2039.92	766.256	718.758	47.498
2008	177570	67121.344	62748.074	4373.269	2.463	6.515	2039.03	770.751	720.533	50.218
2009	172806	66622.993	61841.711	4781.282	2.767	7.177	1961.22	756.123	701.859	54.264

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	1264760.197	37556.17	0.963	2.884	2465.77	823.300	799.558	23.742

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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_17_Vary_parameter_combinations.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	31518.453	11.566	0.026	0.037	620.154	447.530	447.366	0.164
1992	45423	32811.446	32787.181	24.265	0.053	0.074	635.738	459.227	458.888	0.340
1993	46291	33467.735	33414.524	53.212	0.115	0.159	638.542	461.657	460.923	0.734
1994	47017	33989.389	33917.807	71.581	0.152	0.211	638.697	461.725	460.753	0.972
1995	47840	34566.580	34446.240	120.340	0.252	0.348	639.587	462.131	460.522	1.609
1996	48244	34997.958	34867.086	130.872	0.271	0.374	636.363	461.641	459.915	1.726
1997	49035	35549.658	35381.557	168.101	0.343	0.473	637.723	462.340	460.153	2.186
1998	49686	36138.033	35917.007	221.026	0.445	0.612	637.076	463.363	460.529	2.834
1999	48883	35506.142	35199.493	306.649	0.627	0.864	618.331	449.124	445.245	3.879
2000	50331	36573.306	36168.694	404.612	0.804	1.106	628.656	456.816	451.762	5.054
2001	50389	36733.445	36208.963	524.482	1.041	1.428	622.333	453.679	447.202	6.478
2002	51445	37627.700	36991.492	636.208	1.237	1.691	629.005	460.065	452.286	7.779
2003	51408	37552.784	36799.249	753.535	1.466	2.007	622.464	454.701	445.577	9.124
2004	51399	37527.823	36612.944	914.880	1.780	2.438	615.898	449.684	438.721	10.963
2005	51421	37486.186	36458.488	1027.699	1.999	2.742	609.074	444.018	431.845	12.173
2006	51355	37409.496	36188.533	1220.963	2.377	3.264	602.712	439.045	424.715	14.329
2007	51839	37602.867	36282.436	1320.432	2.547	3.512	602.056	436.718	421.383	15.335
2008	50976	36986.957	35613.427	1373.529	2.694	3.714	585.355	424.719	408.947	15.772
2009	51193	37201.944	35631.418	1570.526	3.068	4.222	581.003	422.215	404.391	17.824

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	701050.363	10854.48	1.107	1.525	619.890	450.053	443.191	6.862

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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	12647.188	15.791	0.016	0.125	1368.32	179.735	179.511	0.224
1992	93721	12337.995	12293.154	44.841	0.048	0.363	1311.71	172.682	172.054	0.628
1993	93679	12401.934	12298.266	103.669	0.111	0.836	1292.22	171.073	169.643	1.430
1994	90832	12128.576	11958.243	170.333	0.188	1.404	1233.90	164.759	162.445	2.314
1995	89698	11958.696	11713.368	245.328	0.274	2.051	1199.20	159.879	156.600	3.280
1996	88286	12020.749	11708.377	312.372	0.354	2.599	1164.54	158.560	154.439	4.120
1997	84777	11593.724	11215.222	378.502	0.446	3.265	1102.56	150.782	145.859	4.923
1998	82517	11337.035	10874.668	462.366	0.560	4.078	1058.04	145.364	139.435	5.928
1999	93939	13027.458	12337.025	690.433	0.735	5.300	1188.25	164.787	156.053	8.733
2000	90039	12607.547	11820.822	786.725	0.874	6.240	1124.63	157.474	147.647	9.827
2001	86119	12350.451	11402.594	947.856	1.101	7.675	1063.62	152.535	140.829	11.707
2002	83014	12112.097	11079.537	1032.559	1.244	8.525	1014.99	148.092	135.467	12.625
2003	79302	11683.252	10553.324	1129.928	1.425	9.671	960.214	141.465	127.783	13.682
2004	73861	11139.095	9873.229	1265.866	1.714	11.364	885.053	133.476	118.308	15.168
2005	71649	10884.683	9542.997	1341.686	1.873	12.326	848.672	128.927	113.035	15.892
2006	67551	10397.565	8955.175	1442.389	2.135	13.872	792.791	122.028	105.100	16.928
2007	63503	9785.831	8335.310	1450.521	2.284	14.823	737.521	113.652	96.806	16.846
2008	63171	9922.524	8394.605	1527.919	2.419	15.398	725.389	113.940	96.395	17.545
2009	59747	9483.598	7903.042	1580.556	2.645	16.666	678.085	107.632	89.694	17.938

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	1650724	232482.549	217552.908	14929.64	0.904	6.422	1043.56	146.971	137.533	9.438

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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_17_Vary_parameter_combinations.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	3109.682	6.334	0.019	0.203	461.369	44.228	44.138	0.090
1992	32560	3095.448	3079.581	15.867	0.049	0.513	455.708	43.324	43.102	0.222
1993	32768	3114.516	3081.129	33.387	0.102	1.072	452.005	42.962	42.501	0.461
1994	33005	3168.398	3111.046	57.352	0.174	1.810	448.353	43.041	42.262	0.779
1995	33730	3200.274	3118.479	81.795	0.243	2.556	450.946	42.785	41.692	1.094
1996	33750	3234.738	3130.785	103.954	0.308	3.214	445.180	42.668	41.297	1.371
1997	33699	3240.665	3116.382	124.283	0.369	3.835	438.271	42.146	40.530	1.616
1998	33274	3171.578	3015.246	156.332	0.470	4.929	426.640	40.666	38.662	2.004
1999	33891	3153.786	2953.301	200.485	0.592	6.357	428.694	39.893	37.357	2.536
2000	33827	3237.043	2987.579	249.464	0.737	7.707	422.514	40.432	37.316	3.116
2001	32506	3110.972	2821.896	289.076	0.889	9.292	401.468	38.422	34.852	3.570
2002	32078	3123.298	2810.866	312.431	0.974	10.003	392.210	38.188	34.368	3.820
2003	30568	3025.984	2688.539	337.445	1.104	11.152	370.127	36.640	32.554	4.086
2004	29388	2983.453	2598.568	384.885	1.310	12.901	352.147	35.750	31.138	4.612
2005	27954	2926.679	2522.447	404.232	1.446	13.812	331.111	34.666	29.878	4.788
2006	27201	2889.308	2453.890	435.418	1.601	15.070	319.236	33.909	28.799	5.110
2007	26302	2810.025	2357.806	452.219	1.719	16.093	305.470	32.636	27.383	5.252
2008	25998	2773.025	2311.730	461.295	1.774	16.635	298.534	31.843	26.545	5.297
2009	25040	2723.293	2237.956	485.337	1.938	17.822	284.186	30.907	25.399	5.508

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	56700.151	4591.592	0.736	7.491	394.195	38.747	35.845	2.903

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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	11809.591	9.257	0.035	0.078	377.015	167.754	167.623	0.131
1992	26828	11981.252	11964.792	16.460	0.061	0.137	375.483	167.689	167.459	0.230
1993	29774	13348.134	13310.940	37.194	0.125	0.279	410.705	184.125	183.612	0.513
1994	29804	13404.876	13364.792	40.084	0.134	0.299	404.869	182.097	181.553	0.545
1995	29755	13407.404	13336.458	70.947	0.238	0.529	397.803	179.248	178.299	0.949
1996	30900	14056.435	13996.455	59.980	0.194	0.427	407.587	185.412	184.620	0.791
1997	31128	14163.848	14085.024	78.824	0.253	0.557	404.834	184.207	183.182	1.025
1998	32096	14738.220	14628.699	109.521	0.341	0.743	411.536	188.974	187.570	1.404
1999	34616	15867.376	15690.298	177.078	0.512	1.116	437.865	200.710	198.470	2.240
2000	34299	15766.470	15525.820	240.650	0.702	1.526	428.409	196.930	193.924	3.006
2001	34592	16091.193	15766.142	325.051	0.940	2.020	427.231	198.736	194.721	4.015
2002	34291	16120.902	15730.255	390.646	1.139	2.423	419.268	197.106	192.330	4.776
2003	35074	16455.810	15961.310	494.501	1.410	3.005	424.687	199.252	193.265	5.988
2004	33512	15694.580	15117.795	576.785	1.721	3.675	401.564	188.063	181.152	6.911
2005	35392	16549.102	15842.249	706.853	1.997	4.271	419.213	196.022	187.649	8.373
2006	33981	15926.096	15101.412	824.684	2.427	5.178	398.807	186.912	177.233	9.679
2007	34000	15778.477	14911.923	866.554	2.549	5.492	394.875	183.251	173.186	10.064
2008	37425	17438.838	16428.311	1010.526	2.700	5.795	429.749	200.249	188.645	11.604
2009	36826	17214.158	16069.295	1144.863	3.109	6.651	417.948	195.368	182.375	12.993

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	645593	296637.233	289456.775	7180.458	1.112	2.421	408.132	187.528	182.989	4.539

Results for PHIM for Run 21 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN11
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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: 21, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN11

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000

Results for PHIM for Run 21 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2038.00	22.21	129.00	4.86			
5	All Ages	Current MRTP	536.00	5.84					
5	All Ages	Current Dual	79.00	0.86					
5	All Ages	Former	2624.00	28.59			15.46	161.00	6.14

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	2.00	0.59					
5	18-19	Former	3.00	0.88			0.67	3.00	100.00

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

Results for PHIM for Run 21 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	214.00	23.39	2.00	0.77			
5	20-24	Current MRTP	34.00	3.72					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	27.00	2.95			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	527.00	55.01					
5	25-29	Current CC	233.00	24.32	6.00	1.92			
5	25-29	Current MRTP	64.00	6.68					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	118.00	12.32			4.98	15.00	12.71
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	487.00	45.34					
5	30-34	Current CC	304.00	28.31	14.00	3.47			
5	30-34	Current MRTP	89.00	8.29					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	184.00	17.13			6.85	15.00	8.15
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	474.00	43.77					
5	35-39	Current CC	268.00	24.75	11.00	3.17			
5	35-39	Current MRTP	69.00	6.37					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	262.00	24.19			7.61	20.00	7.63
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	402.00	41.32					
5	40-44	Current CC	215.00	22.10	10.00	3.62			
5	40-44	Current MRTP	58.00	5.96					
5	40-44	Current Dual	3.00	0.31					
5	40-44	Former	295.00	30.32			11.35	26.00	8.81
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	308.00	35.86					
5	45-49	Current CC	189.00	22.00	13.00	5.10			
5	45-49	Current MRTP	60.00	6.98					
5	45-49	Current Dual	6.00	0.70					
5	45-49	Former	296.00	34.46			13.86	15.00	5.07
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	155.00	24.60	14.00	6.97			
5	50-54	Current MRTP	42.00	6.67					
5	50-54	Current Dual	4.00	0.63					
5	50-54	Former	237.00	37.62			17.20	12.00	5.06
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	117.00	22.33	9.00	5.88			
5	55-59	Current MRTP	33.00	6.30					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	216.00	41.22			17.38	9.00	4.17
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	92.00	17.86	14.00	12.07			
5	60-64	Current MRTP	21.00	4.08					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	258.00	50.10			18.11	14.00	5.43
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	96.00	19.20	12.00	9.60			
5	65-69	Current MRTP	25.00	5.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	255.00	51.00			22.25	6.00	2.35
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 21 (APPENDIX_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	61.00	13.62	14.00	16.09			
5	70-74	Current MRTP	23.00	5.13					
5	70-74	Current Dual	3.00	0.67					
5	70-74	Former	255.00	56.92			22.97	7.00	2.75

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	56.00	15.60	10.00	13.70			
5	75-79	Current MRTP	13.00	3.62					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	218.00	60.72			23.67	10.00	4.59

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	4083.00	43.55					
10	All Ages	Current CC	1641.00	17.50	191.00	7.50			
10	All Ages	Current MRTP	822.00	8.77					
10	All Ages	Current Dual	83.00	0.89					
10	All Ages	Former	2746.00	29.29			16.58	201.00	7.32

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	679.00	75.78					
10	20-24	Current CC	153.00	17.08	1.00	0.51			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	8.00	0.89					
10	20-24	Former	20.00	2.23			2.35	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	195.00	21.31	2.00	0.68			
10	25-29	Current MRTP	77.00	8.42					
10	25-29	Current Dual	23.00	2.51					
10	25-29	Former	67.00	7.32			4.36	19.00	28.36

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	483.00	50.42					
10	30-34	Current CC	184.00	19.21	13.00	4.25			
10	30-34	Current MRTP	102.00	10.65					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	169.00	17.64			7.20	27.00	15.98

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	474.00	44.13					
10	35-39	Current CC	237.00	22.07	17.00	4.74			
10	35-39	Current MRTP	112.00	10.43					
10	35-39	Current Dual	10.00	0.93					
10	35-39	Former	241.00	22.44			9.12	26.00	10.79

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	470.00	43.40					
10	40-44	Current CC	200.00	18.47	21.00	6.89			
10	40-44	Current MRTP	102.00	9.42					
10	40-44	Current Dual	3.00	0.28					
10	40-44	Former	308.00	28.44			10.51	25.00	8.12

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	402.00	41.32					
10	45-49	Current CC	168.00	17.27	20.00	8.00			
10	45-49	Current MRTP	79.00	8.12					
10	45-49	Current Dual	3.00	0.31					
10	45-49	Former	321.00	32.99			14.64	18.00	5.61

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	118.00	13.74	22.00	9.78			
10	50-54	Current MRTP	101.00	11.76					
10	50-54	Current Dual	6.00	0.70					
10	50-54	Former	326.00	37.95			16.31	20.00	6.13
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	116.00	18.41	20.00	11.24			
10	55-59	Current MRTP	62.00	9.84					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	260.00	41.27			19.61	15.00	5.77
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	86.00	16.41	12.00	9.38			
10	60-64	Current MRTP	40.00	7.63					
10	60-64	Current Dual	2.00	0.38					
10	60-64	Former	241.00	45.99			19.39	12.00	4.98
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	67.00	13.01	16.00	15.24			
10	65-69	Current MRTP	37.00	7.18					
10	65-69	Current Dual	1.00	0.19					
10	65-69	Former	269.00	52.23			20.88	7.00	2.60
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	120.00	24.00					
10	70-74	Current CC	75.00	15.00	28.00	23.14			
10	70-74	Current MRTP	42.00	8.40					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	259.00	51.80			24.59	14.00	5.41
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	42.00	9.38	19.00	24.68			
10	75-79	Current MRTP	32.00	7.14					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	265.00	59.15			25.58	9.00	3.40
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	3856.00	43.19					
15	All Ages	Current CC	1266.00	14.18	257.00	11.07			
15	All Ages	Current MRTP	957.00	10.72					
15	All Ages	Current Dual	98.00	1.10					
15	All Ages	Former	2750.00	30.81			17.72	183.00	6.65
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	608.00	67.86					
15	25-29	Current CC	148.00	16.52	1.00	0.42			
15	25-29	Current MRTP	72.00	8.04					
15	25-29	Current Dual	18.00	2.01					
15	25-29	Former	50.00	5.58			3.88	13.00	26.00
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	520.00	56.83					

Results for PHIM for Run 21 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	156.00	17.05	8.00	2.82			
15	30-34	Current MRTP	107.00	11.69					
15	30-34	Current Dual	21.00	2.30					
15	30-34	Former	111.00	12.13			5.69	28.00	25.23
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	468.00	48.85					
15	35-39	Current CC	145.00	15.14	18.00	6.23			
15	35-39	Current MRTP	123.00	12.84					
15	35-39	Current Dual	21.00	2.19					
15	35-39	Former	201.00	20.98			10.08	14.00	6.97
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	472.00	43.95					
15	40-44	Current CC	172.00	16.01	26.00	7.88			
15	40-44	Current MRTP	144.00	13.41					
15	40-44	Current Dual	14.00	1.30					
15	40-44	Former	272.00	25.33			12.23	12.00	4.41
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	470.00	43.40					
15	45-49	Current CC	158.00	14.59	32.00	11.39			
15	45-49	Current MRTP	118.00	10.90					
15	45-49	Current Dual	5.00	0.46					
15	45-49	Former	332.00	30.66			13.93	19.00	5.72
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	402.00	41.32					
15	50-54	Current CC	123.00	12.64	28.00	12.12			
15	50-54	Current MRTP	103.00	10.59					
15	50-54	Current Dual	5.00	0.51					
15	50-54	Former	340.00	34.94			17.93	17.00	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	91.00	10.59	29.00	15.34			
15	55-59	Current MRTP	96.00	11.18					
15	55-59	Current Dual	2.00	0.23					
15	55-59	Former	362.00	42.14			18.64	23.00	6.35
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	87.00	13.81	30.00	19.23			
15	60-64	Current MRTP	69.00	10.95					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	282.00	44.76			21.52	17.00	6.03
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	155.00	29.58					
15	65-69	Current CC	69.00	13.17	20.00	17.39			
15	65-69	Current MRTP	43.00	8.21					
15	65-69	Current Dual	3.00	0.57					
15	65-69	Former	254.00	48.47			21.53	13.00	5.12
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	141.00	27.38					
15	70-74	Current CC	54.00	10.49	23.00	24.73			
15	70-74	Current MRTP	34.00	6.60					
15	70-74	Current Dual	5.00	0.97					
15	70-74	Former	281.00	54.56			23.45	10.00	3.56
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	63.00	12.60	42.00	36.52			
15	75-79	Current MRTP	48.00	9.60					
15	75-79	Current Dual	4.00	0.80					
15	75-79	Former	265.00	53.00			26.22	17.00	6.42
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	3676.00	43.62					
20	All Ages	Current CC	943.00	11.19	305.00	15.14			

Results for PHIM for Run 21 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	994.00	11.80					
20	All Ages	Current Dual	78.00	0.93					
20	All Ages	Former	2736.00	32.47			18.71	184.00	6.73

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	575.00	64.17					
20	30-34	Current CC	121.00	13.50	6.00	2.54			
20	30-34	Current MRTP	99.00	11.05					
20	30-34	Current Dual	16.00	1.79					
20	30-34	Former	85.00	9.49			5.93	13.00	15.29

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	502.00	54.86					
20	35-39	Current CC	127.00	13.88	15.00	5.64			
20	35-39	Current MRTP	128.00	13.99					
20	35-39	Current Dual	11.00	1.20					
20	35-39	Former	147.00	16.07			8.03	17.00	11.56

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	459.00	47.91					
20	40-44	Current CC	112.00	11.69	20.00	7.87			
20	40-44	Current MRTP	129.00	13.47					
20	40-44	Current Dual	13.00	1.36					
20	40-44	Former	245.00	25.57			11.99	27.00	11.02

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	472.00	43.95					
20	45-49	Current CC	138.00	12.85	38.00	12.79			
20	45-49	Current MRTP	150.00	13.97					
20	45-49	Current Dual	9.00	0.84					
20	45-49	Former	305.00	28.40			14.75	23.00	7.54

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	470.00	43.40					
20	50-54	Current CC	109.00	10.06	40.00	15.75			
20	50-54	Current MRTP	144.00	13.30					
20	50-54	Current Dual	1.00	0.09					
20	50-54	Former	359.00	33.15			16.68	21.00	5.85

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	402.00	41.32					
20	55-59	Current CC	101.00	10.38	41.00	20.30			
20	55-59	Current MRTP	96.00	9.87					
20	55-59	Current Dual	5.00	0.51					
20	55-59	Former	369.00	37.92			20.28	27.00	7.32

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	73.00	8.50	45.00	26.16			
20	60-64	Current MRTP	93.00	10.83					

Results for PHIM for Run 21 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	6.00	0.70					
20	60-64	Former	379.00	44.12			21.38	15.00	3.96

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	192.00	30.48					
20	65-69	Current CC	69.00	10.95	40.00	27.21			
20	65-69	Current MRTP	71.00	11.27					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	291.00	46.19			23.60	12.00	4.12

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	50.00	9.54	32.00	31.37			
20	70-74	Current MRTP	49.00	9.35					
20	70-74	Current Dual	3.00	0.57					
20	70-74	Former	267.00	50.95			23.71	15.00	5.62

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	43.00	8.35	28.00	32.94			
20	75-79	Current MRTP	35.00	6.80					
20	75-79	Current Dual	7.00	1.36					
20	75-79	Former	289.00	56.12			25.21	14.00	4.84

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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	124009.131	123.453	0.039	0.099	4845.61	1920.39	1918.48	1.910
1992	308577	122143.718	121791.326	352.392	0.114	0.289	4692.62	1857.47	1852.12	5.359
1993	311713	123269.216	122566.456	702.760	0.225	0.570	4656.77	1841.55	1831.05	10.499
1994	305700	120480.723	119406.848	1073.875	0.351	0.891	4482.57	1766.64	1750.90	15.747
1995	303225	118666.569	117114.844	1551.725	0.512	1.308	4361.58	1706.89	1684.57	22.320
1996	299559	116607.195	114665.135	1942.059	0.648	1.665	4242.85	1651.58	1624.08	27.507
1997	294226	114665.051	112340.964	2324.087	0.790	2.027	4100.64	1598.09	1565.70	32.391
1998	289258	113038.380	110133.599	2904.781	1.004	2.570	3966.28	1549.97	1510.14	39.830
1999	311002	117067.463	113170.352	3897.110	1.253	3.329	4198.14	1580.27	1527.66	52.606
2000	303786	114977.407	110517.667	4459.741	1.468	3.879	4041.13	1529.49	1470.17	59.326
2001	296294	113047.319	108152.413	4894.906	1.652	4.330	3890.54	1484.39	1420.11	64.273
2002	291898	111744.742	106334.545	5410.197	1.853	4.842	3789.34	1450.64	1380.41	70.234
2003	285865	110551.854	104315.691	6236.162	2.182	5.641	3671.31	1419.80	1339.71	80.090
2004	274177	107418.262	100781.769	6636.492	2.421	6.178	3481.92	1364.16	1279.88	84.280
2005	272379	107678.770	100424.415	7254.355	2.663	6.737	3417.44	1351.01	1259.99	91.018
2006	264118	104357.806	96696.910	7660.896	2.901	7.341	3281.83	1296.71	1201.52	95.191
2007	258419	102690.449	94653.250	8037.200	3.110	7.827	3176.05	1262.10	1163.32	98.780
2008	259461	103492.166	94628.428	8863.738	3.416	8.565	3150.91	1256.82	1149.17	107.642
2009	253907	101384.044	92004.811	9379.232	3.694	9.251	3045.20	1215.94	1103.45	112.489

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	2189538.516	83705.16	1.440	3.682	3927.78	1535.76	1479.21	56.550

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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_17_Vary_parameter_combinations.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	63047.112	21.674	0.028	0.034	1213.84	975.702	975.367	0.335
1992	77987	62535.347	62473.842	61.506	0.079	0.098	1185.97	950.993	950.058	0.935
1993	78542	62883.111	62764.711	118.401	0.151	0.188	1173.36	939.428	937.659	1.769
1994	77437	61805.804	61619.806	185.998	0.240	0.301	1135.48	906.276	903.549	2.727
1995	76904	61145.799	60876.792	269.007	0.350	0.440	1106.18	879.519	875.649	3.869
1996	76232	60385.323	60045.916	339.406	0.445	0.562	1079.72	855.277	850.470	4.807
1997	75473	59549.806	59152.907	396.898	0.526	0.666	1051.87	829.947	824.416	5.532
1998	75381	59292.315	58747.832	544.483	0.722	0.918	1033.62	813.010	805.544	7.466
1999	73159	57398.351	56732.908	665.444	0.910	1.159	987.557	774.807	765.825	8.983
2000	73784	57716.549	56887.003	829.546	1.124	1.437	981.515	767.777	756.742	11.035
2001	73294	57211.877	56277.965	933.912	1.274	1.632	962.399	751.230	738.967	12.263
2002	72442	56438.810	55395.601	1043.209	1.440	1.848	940.422	732.673	719.131	13.543
2003	71942	55948.341	54707.871	1240.470	1.724	2.217	923.937	718.533	702.602	15.931
2004	71301	55339.218	53955.072	1384.146	1.941	2.501	905.490	702.783	685.205	17.578
2005	70964	54964.459	53448.471	1515.988	2.136	2.758	890.360	689.620	670.599	19.021
2006	69658	53781.526	52159.827	1621.699	2.328	3.015	865.543	668.268	648.118	20.151
2007	68565	52784.985	51048.629	1736.355	2.532	3.289	842.687	648.745	627.405	21.340
2008	68226	52470.692	50492.109	1978.583	2.900	3.771	828.542	637.208	613.180	24.028
2009	67509	51823.021	49656.290	2166.731	3.210	4.181	809.661	621.533	595.547	25.986

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	1142935.072	17053.46	1.155	1.470	997.213	783.665	772.144	11.521

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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	36988.039	79.345	0.047	0.214	2599.72	573.449	572.221	1.228
1992	164548	35863.851	35637.767	226.084	0.137	0.630	2502.33	545.392	541.954	3.438
1993	164362	35459.800	35005.014	454.786	0.277	1.283	2455.45	529.744	522.949	6.794
1994	159866	34293.631	33614.585	679.046	0.425	1.980	2344.16	502.857	492.900	9.957
1995	158083	33531.695	32555.990	975.705	0.617	2.910	2273.86	482.318	468.284	14.034
1996	154875	32438.163	31222.663	1215.500	0.785	3.747	2193.60	459.443	442.227	17.216
1997	149970	31179.663	29720.665	1458.998	0.973	4.679	2090.14	434.552	414.218	20.334
1998	145407	29860.736	28107.443	1753.294	1.206	5.872	1993.81	409.447	385.406	24.041
1999	165952	34413.904	31958.259	2455.645	1.480	7.136	2240.15	464.545	431.397	33.148
2000	160260	33265.290	30533.166	2732.124	1.705	8.213	2131.87	442.513	406.169	36.344
2001	154444	32074.102	29094.084	2980.018	1.930	9.291	2027.95	421.154	382.025	39.130
2002	151887	31817.956	28536.458	3281.498	2.160	10.313	1971.76	413.052	370.453	42.600
2003	146733	31025.931	27312.174	3713.757	2.531	11.970	1884.46	398.460	350.765	47.695
2004	138381	29503.602	25612.325	3891.277	2.812	13.189	1757.38	374.682	325.265	49.417
2005	135881	29077.894	24861.540	4216.354	3.103	14.500	1704.85	364.830	311.929	52.901
2006	131922	28385.448	23915.073	4470.374	3.389	15.749	1639.21	352.707	297.159	55.547
2007	126502	27327.625	22727.382	4600.243	3.636	16.834	1554.75	335.866	279.327	56.539
2008	125859	27025.472	22101.405	4924.067	3.912	18.220	1528.44	328.199	268.401	59.798
2009	122428	26361.626	21245.007	5116.619	4.179	19.409	1468.33	316.165	254.800	61.366

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	589131.938	49224.74	1.643	7.711	2024.64	431.261	398.006	33.255

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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_17_Vary_parameter_combinations.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	4476.934	11.049	0.034	0.246	504.630	69.431	69.260	0.171
1992	32100	4371.196	4339.505	31.691	0.099	0.725	488.154	66.474	65.992	0.482
1993	32896	4414.136	4345.599	68.537	0.208	1.553	491.442	65.944	64.920	1.024
1994	33323	4474.895	4366.459	108.436	0.325	2.423	488.625	65.617	64.027	1.590
1995	33569	4476.290	4315.709	160.581	0.478	3.587	482.855	64.387	62.077	2.310
1996	33870	4489.078	4285.134	203.944	0.602	4.543	479.723	63.582	60.693	2.889
1997	33516	4444.866	4190.604	254.262	0.759	5.720	467.113	61.948	58.405	3.544
1998	32795	4313.427	4015.359	298.068	0.909	6.910	449.682	59.145	55.058	4.087
1999	33375	4232.739	3882.282	350.457	1.050	8.280	450.521	57.137	52.406	4.731
2000	33459	4307.577	3916.796	390.782	1.168	9.072	445.090	57.302	52.103	5.198
2001	32275	4136.308	3723.924	412.385	1.278	9.970	423.792	54.312	48.898	5.415
2002	31586	4079.175	3633.452	445.722	1.411	10.927	410.041	52.955	47.168	5.786
2003	30985	4096.221	3567.572	528.650	1.706	12.906	397.934	52.607	45.818	6.789
2004	29884	4034.217	3466.474	567.743	1.900	14.073	379.513	51.233	44.023	7.210
2005	28708	3944.303	3327.638	616.665	2.148	15.634	360.189	49.488	41.751	7.737
2006	28188	3970.169	3292.334	677.836	2.405	17.073	350.253	49.332	40.909	8.423
2007	28026	3957.558	3239.326	718.231	2.563	18.148	344.449	48.640	39.812	8.827
2008	27128	3812.302	3080.731	731.571	2.697	19.190	329.444	46.297	37.413	8.884
2009	27068	3827.467	3041.946	785.521	2.902	20.523	324.637	45.904	36.483	9.421

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	77095.374	7362.129	1.172	8.717	424.421	57.058	52.084	4.974

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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	19497.047	11.384	0.033	0.058	527.418	301.804	301.628	0.176
1992	33942	19373.324	19340.212	33.112	0.098	0.171	516.166	294.616	294.112	0.504
1993	35913	20512.169	20451.132	61.037	0.170	0.298	536.514	306.437	305.525	0.912
1994	35074	19906.392	19805.998	100.395	0.286	0.504	514.300	291.893	290.421	1.472
1995	34669	19512.784	19366.352	146.432	0.422	0.750	498.677	280.671	278.565	2.106
1996	34582	19294.631	19111.422	183.208	0.530	0.950	489.808	273.283	270.688	2.595
1997	35267	19490.717	19276.788	213.929	0.607	1.098	491.517	271.643	268.661	2.982
1998	35675	19571.902	19262.966	308.936	0.866	1.578	489.172	268.368	264.132	4.236
1999	38516	21022.469	20596.904	425.565	1.105	2.024	519.919	283.777	278.033	5.745
2000	36283	19687.992	19180.702	507.290	1.398	2.577	482.656	261.900	255.152	6.748
2001	36281	19625.032	19056.441	568.591	1.567	2.897	476.394	257.690	250.224	7.466
2002	35983	19408.801	18769.034	639.767	1.778	3.296	467.122	251.960	243.655	8.305
2003	36205	19481.360	18728.074	753.286	2.081	3.867	464.974	250.195	240.521	9.674
2004	34611	18541.224	17747.898	793.326	2.292	4.279	439.544	235.465	225.390	10.075
2005	36826	19692.114	18786.766	905.348	2.458	4.598	462.043	247.070	235.711	11.359
2006	34350	18220.663	17329.676	890.987	2.594	4.890	426.820	226.403	215.332	11.071
2007	35326	18620.282	17637.912	982.370	2.781	5.276	434.168	228.849	216.776	12.074
2008	38248	20183.701	18954.183	1229.518	3.215	6.092	464.487	245.112	230.181	14.931
2009	36902	19371.930	18061.568	1310.362	3.551	6.764	442.580	232.335	216.619	15.716

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	712738	390440.974	380376.131	10064.84	1.412	2.578	481.512	263.774	256.975	6.800

Results for PHIM for Run 22 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN11
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN11

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.004000	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.004000	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.004000	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.004000	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.004000	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.004000	0.008000

Results for PHIM for Run 22 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1683.00	18.54	104.00	4.74			
5	All Ages	Current MRTP	452.00	4.98					
5	All Ages	Current Dual	58.00	0.64					
5	All Ages	Former	2005.00	22.08			14.69	127.00	6.33

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
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_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	208.00	24.64	3.00	1.20			
5	20-24	Current MRTP	34.00	4.03					
5	20-24	Current Dual	9.00	1.07					
5	20-24	Former	18.00	2.13			3.39	6.00	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	457.00	54.99					
5	25-29	Current CC	171.00	20.58	10.00	4.10			
5	25-29	Current MRTP	59.00	7.10					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	130.00	15.64			5.55	12.00	9.23
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	516.00	51.65					
5	30-34	Current CC	229.00	22.92	12.00	4.03			
5	30-34	Current MRTP	61.00	6.11					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	185.00	18.52			7.64	15.00	8.11
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	550.00	49.02					
5	35-39	Current CC	245.00	21.84	7.00	2.18			
5	35-39	Current MRTP	71.00	6.33					
5	35-39	Current Dual	5.00	0.45					
5	35-39	Former	251.00	22.37			8.15	19.00	7.57
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	489.00	50.41					
5	40-44	Current CC	165.00	17.01	7.00	3.10			
5	40-44	Current MRTP	56.00	5.77					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	255.00	26.29			11.49	12.00	4.71
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	147.00	18.13	10.00	5.18			
5	45-49	Current MRTP	41.00	5.06					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	196.00	24.17			11.66	7.00	3.57
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	126.00	20.29	9.00	5.70			
5	50-54	Current MRTP	30.00	4.83					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	162.00	26.09			15.61	11.00	6.79
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	99.00	18.50	8.00	6.02			
5	55-59	Current MRTP	31.00	5.79					
5	55-59	Current Dual	3.00	0.56					
5	55-59	Former	150.00	28.04			15.48	7.00	4.67
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	72.00	14.75	7.00	7.22			
5	60-64	Current MRTP	23.00	4.71					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	141.00	28.89			19.95	8.00	5.67
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	260.00	48.51					
5	65-69	Current CC	85.00	15.86	12.00	11.76			
5	65-69	Current MRTP	16.00	2.99					
5	65-69	Current Dual	1.00	0.19					
5	65-69	Former	174.00	32.46			20.15	14.00	8.05
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	66.00	12.24	9.00	11.11			
5	70-74	Current MRTP	15.00	2.78					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	178.00	33.02			24.39	9.00	5.06

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	40.00	8.23	10.00	18.52			
5	75-79	Current MRTP	11.00	2.26					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	165.00	33.95			27.21	7.00	4.24

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	4869.00	53.45					
10	All Ages	Current CC	1338.00	14.69	168.00	7.81			
10	All Ages	Current MRTP	718.00	7.88					
10	All Ages	Current Dual	95.00	1.04					
10	All Ages	Former	2089.00	22.93			15.72	165.00	7.90

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	632.00	77.74					
10	20-24	Current CC	125.00	15.38	1.00	0.61			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	10.00	1.23					
10	20-24	Former	18.00	2.21			2.28	9.00	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	527.00	62.44					
10	25-29	Current CC	176.00	20.85	5.00	1.81			
10	25-29	Current MRTP	79.00	9.36					
10	25-29	Current Dual	21.00	2.49					
10	25-29	Former	41.00	4.86			4.85	11.00	26.83

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	423.00	50.90					
10	30-34	Current CC	142.00	17.09	15.00	6.17			
10	30-34	Current MRTP	81.00	9.75					
10	30-34	Current Dual	20.00	2.41					
10	30-34	Former	165.00	19.86			8.31	18.00	10.91

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	493.00	49.35					
10	35-39	Current CC	170.00	17.02	23.00	7.90			
10	35-39	Current MRTP	106.00	10.61					
10	35-39	Current Dual	15.00	1.50					
10	35-39	Former	215.00	21.52			10.36	22.00	10.23

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	540.00	48.13					
10	40-44	Current CC	179.00	15.95	16.00	5.42			
10	40-44	Current MRTP	106.00	9.45					
10	40-44	Current Dual	10.00	0.89					
10	40-44	Former	287.00	25.58			11.14	23.00	8.01

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	489.00	50.41					
10	45-49	Current CC	118.00	12.16	21.00	10.05			
10	45-49	Current MRTP	87.00	8.97					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	272.00	28.04			15.02	11.00	4.04

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	115.00	14.18	19.00	10.61			
10	50-54	Current MRTP	62.00	7.64					
10	50-54	Current Dual	2.00	0.25					
10	50-54	Former	210.00	25.89			14.75	14.00	6.67
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	95.00	15.30	11.00	8.03			
10	55-59	Current MRTP	39.00	6.28					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	183.00	29.47			17.64	13.00	7.10
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	66.00	12.34	9.00	8.04			
10	60-64	Current MRTP	45.00	8.41					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	171.00	31.96			17.65	9.00	5.26
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	52.00	10.66	10.00	11.36			
10	65-69	Current MRTP	31.00	6.35					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	150.00	30.74			22.43	8.00	5.33
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	260.00	48.51					
10	70-74	Current CC	52.00	9.70	14.00	17.07			
10	70-74	Current MRTP	29.00	5.41					
10	70-74	Current Dual	1.00	0.19					
10	70-74	Former	194.00	36.19			21.79	15.00	7.73
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	48.00	8.91	24.00	31.58			
10	75-79	Current MRTP	25.00	4.64					
10	75-79	Current Dual	3.00	0.56					
10	75-79	Former	183.00	33.95			26.17	12.00	6.56
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	4463.00	52.08					
15	All Ages	Current CC	997.00	11.63	207.00	10.73			
15	All Ages	Current MRTP	831.00	9.70					
15	All Ages	Current Dual	101.00	1.18					
15	All Ages	Former	2178.00	25.41			16.62	159.00	7.30
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	569.00	69.99					
15	25-29	Current CC	122.00	15.01	3.00	1.45			
15	25-29	Current MRTP	66.00	8.12					
15	25-29	Current Dual	19.00	2.34					
15	25-29	Former	37.00	4.55			3.97	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	482.00	57.11					

Results for PHIM for Run 22 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	147.00	17.42	9.00	3.14			
15	30-34	Current MRTP	116.00	13.74					
15	30-34	Current Dual	24.00	2.84					
15	30-34	Former	75.00	8.89			6.12	14.00	18.67
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	409.00	49.22					
15	35-39	Current CC	107.00	12.88	21.00	9.46			
15	35-39	Current MRTP	101.00	12.15					
15	35-39	Current Dual	14.00	1.68					
15	35-39	Former	200.00	24.07			10.69	24.00	12.00
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	48.95					
15	40-44	Current CC	122.00	12.21	31.00	12.20			
15	40-44	Current MRTP	117.00	11.71					
15	40-44	Current Dual	15.00	1.50					
15	40-44	Former	256.00	25.63			12.57	23.00	8.98
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	540.00	48.13					
15	45-49	Current CC	129.00	11.50	20.00	8.03			
15	45-49	Current MRTP	114.00	10.16					
15	45-49	Current Dual	6.00	0.53					
15	45-49	Former	333.00	29.68			13.63	22.00	6.61
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	489.00	50.41					
15	50-54	Current CC	86.00	8.87	22.00	12.79			
15	50-54	Current MRTP	80.00	8.25					
15	50-54	Current Dual	6.00	0.62					
15	50-54	Former	309.00	31.86			17.14	14.00	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	84.00	10.36	22.00	13.66			
15	55-59	Current MRTP	73.00	9.00					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	228.00	28.11			17.55	14.00	6.14
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	68.00	10.95	19.00	15.83			
15	60-64	Current MRTP	49.00	7.89					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	200.00	32.21			19.99	8.00	4.00
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	57.00	10.65	21.00	20.39			
15	65-69	Current MRTP	41.00	7.66					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	180.00	33.64			20.49	10.00	5.56
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	39.00	7.99	17.00	22.08			
15	70-74	Current MRTP	36.00	7.38					
15	70-74	Current Dual	2.00	0.41					
15	70-74	Former	161.00	32.99			24.02	8.00	4.97
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	36.00	6.72	22.00	28.57			
15	75-79	Current MRTP	38.00	7.09					
15	75-79	Current Dual	3.00	0.56					
15	75-79	Former	199.00	37.13			24.38	8.00	4.02
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	4144.00	51.58					
20	All Ages	Current CC	761.00	9.47	231.00	13.85			

Results for PHIM for Run 22 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	821.00	10.22					
20	All Ages	Current Dual	86.00	1.07					
20	All Ages	Former	2222.00	27.66			17.85	146.00	6.57

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	536.00	65.93					
20	30-34	Current CC	110.00	13.53	4.00	1.90			
20	30-34	Current MRTP	86.00	10.58					
20	30-34	Current Dual	15.00	1.85					
20	30-34	Former	66.00	8.12			5.48	15.00	22.73

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	466.00	55.21					
20	35-39	Current CC	110.00	13.03	11.00	4.30			
20	35-39	Current MRTP	128.00	15.17					
20	35-39	Current Dual	18.00	2.13					
20	35-39	Former	122.00	14.45			7.27	22.00	18.03

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	399.00	48.01					
20	40-44	Current CC	83.00	9.99	24.00	11.76			
20	40-44	Current MRTP	106.00	12.76					
20	40-44	Current Dual	15.00	1.81					
20	40-44	Former	228.00	27.44			13.55	14.00	6.14

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	48.95					
20	45-49	Current CC	100.00	10.01	35.00	15.35			
20	45-49	Current MRTP	119.00	11.91					
20	45-49	Current Dual	9.00	0.90					
20	45-49	Former	282.00	28.23			15.37	10.00	3.55

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	540.00	48.13					
20	50-54	Current CC	105.00	9.36	35.00	16.13			
20	50-54	Current MRTP	105.00	9.36					
20	50-54	Current Dual	7.00	0.62					
20	50-54	Former	365.00	32.53			16.32	26.00	7.12

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	489.00	50.41					
20	55-59	Current CC	65.00	6.70	27.00	19.01			
20	55-59	Current MRTP	72.00	7.42					
20	55-59	Current Dual	5.00	0.52					
20	55-59	Former	339.00	34.95			19.47	18.00	5.31

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	64.00	7.89	26.00	18.71			
20	60-64	Current MRTP	71.00	8.75					

Results for PHIM for Run 22 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	4.00	0.49					
20	60-64	Former	250.00	30.83			19.77	14.00	5.60

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	55.00	8.86	23.00	20.18			
20	65-69	Current MRTP	56.00	9.02					
20	65-69	Current Dual	3.00	0.48					
20	65-69	Former	206.00	33.17			23.14	7.00	3.40

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	39.00	7.29	21.00	23.33			
20	70-74	Current MRTP	46.00	8.60					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	193.00	36.07			23.15	8.00	4.15

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	30.00	6.15	25.00	37.31			
20	75-79	Current MRTP	32.00	6.56					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	171.00	35.04			24.91	12.00	7.02

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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	59084.914	42.948	0.022	0.073	2826.86	839.248	838.638	0.610
1992	198532	60226.142	60125.569	100.573	0.051	0.167	2778.64	842.922	841.515	1.408
1993	202512	62332.320	62108.485	223.835	0.111	0.359	2793.47	859.818	856.730	3.088
1994	200658	62691.239	62342.391	348.848	0.174	0.556	2725.82	851.622	846.883	4.739
1995	201023	63132.954	62587.228	545.726	0.271	0.864	2687.54	844.043	836.747	7.296
1996	201180	64309.880	63667.379	642.502	0.319	0.999	2653.67	848.280	839.805	8.475
1997	198639	64547.894	63721.008	826.885	0.416	1.281	2583.39	839.475	828.721	10.754
1998	197573	65384.866	64325.239	1059.627	0.536	1.621	2533.29	838.367	824.780	13.587
1999	211329	67554.762	66047.578	1507.184	0.713	2.231	2673.14	854.513	835.449	19.065
2000	208496	68184.366	66327.186	1857.180	0.891	2.724	2604.20	851.652	828.455	23.197
2001	203606	68286.060	65989.781	2296.280	1.128	3.363	2514.65	843.372	815.012	28.360
2002	200828	68983.996	66310.370	2673.626	1.331	3.876	2455.47	843.450	810.760	32.690
2003	196352	68717.830	65615.044	3102.787	1.580	4.515	2377.49	832.057	794.488	37.570
2004	188160	67344.952	63767.982	3576.969	1.901	5.311	2254.66	806.974	764.112	42.862
2005	186416	67846.650	63830.900	4015.750	2.154	5.919	2208.07	803.634	756.068	47.566
2006	180088	66622.465	62089.908	4532.557	2.517	6.803	2113.55	781.893	728.699	53.195
2007	175644	65977.201	61138.864	4838.337	2.755	7.333	2039.92	766.256	710.064	56.192
2008	177570	67121.344	61824.054	5297.290	2.983	7.892	2039.03	770.751	709.922	60.829
2009	172806	66622.993	60834.078	5788.915	3.350	8.689	1961.22	756.123	690.423	65.700

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	1259038.546	43277.82	1.110	3.323	2465.77	823.300	795.941	27.359

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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_17_Vary_parameter_combinations.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	31518.453	11.566	0.026	0.037	620.154	447.530	447.366	0.164
1992	45423	32811.446	32787.470	23.976	0.053	0.073	635.738	459.227	458.892	0.336
1993	46291	33467.735	33415.855	51.881	0.112	0.155	638.542	461.657	460.941	0.716
1994	47017	33989.389	33914.379	75.010	0.160	0.221	638.697	461.725	460.706	1.019
1995	47840	34566.580	34436.739	129.841	0.271	0.376	639.587	462.131	460.395	1.736
1996	48244	34997.958	34854.062	143.896	0.298	0.411	636.363	461.641	459.743	1.898
1997	49035	35549.658	35354.714	194.943	0.398	0.548	637.723	462.340	459.804	2.535
1998	49686	36138.033	35880.912	257.122	0.517	0.711	637.076	463.363	460.066	3.297
1999	48883	35506.142	35157.212	348.930	0.714	0.983	618.331	449.124	444.710	4.414
2000	50331	36573.306	36115.747	457.559	0.909	1.251	628.656	456.816	451.101	5.715
2001	50389	36733.445	36146.396	587.049	1.165	1.598	622.333	453.679	446.429	7.250
2002	51445	37627.700	36904.558	723.142	1.406	1.922	629.005	460.065	451.223	8.842
2003	51408	37552.784	36685.056	867.728	1.688	2.311	622.464	454.701	444.194	10.507
2004	51399	37527.823	36484.938	1042.885	2.029	2.779	615.898	449.684	437.188	12.497
2005	51421	37486.186	36298.795	1187.391	2.309	3.168	609.074	444.018	429.954	14.064
2006	51355	37409.496	36002.296	1407.200	2.740	3.762	602.712	439.045	422.530	16.515
2007	51839	37602.867	36044.028	1558.840	3.007	4.146	602.056	436.718	418.614	18.104
2008	50976	36986.957	35329.057	1657.900	3.252	4.482	585.355	424.719	405.682	19.038
2009	51193	37201.944	35306.524	1895.420	3.702	5.095	581.003	422.215	400.703	21.512

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	699282.561	12622.28	1.287	1.773	619.890	450.053	442.073	7.980

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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	12647.188	15.791	0.016	0.125	1368.32	179.735	179.511	0.224
1992	93721	12337.995	12293.299	44.696	0.048	0.362	1311.71	172.682	172.056	0.626
1993	93679	12401.934	12298.937	102.998	0.110	0.830	1292.22	171.073	169.653	1.421
1994	90832	12128.576	11956.222	172.354	0.190	1.421	1233.90	164.759	162.418	2.341
1995	89698	11958.696	11706.593	252.103	0.281	2.108	1199.20	159.879	156.509	3.370
1996	88286	12020.749	11701.733	319.016	0.361	2.654	1164.54	158.560	154.352	4.208
1997	84777	11593.724	11194.964	398.760	0.470	3.439	1102.56	150.782	145.596	5.186
1998	82517	11337.035	10843.194	493.841	0.598	4.356	1058.04	145.364	139.032	6.332
1999	93939	13027.458	12300.452	727.005	0.774	5.581	1188.25	164.787	155.591	9.196
2000	90039	12607.547	11764.929	842.619	0.936	6.683	1124.63	157.474	146.949	10.525
2001	86119	12350.451	11333.548	1016.903	1.181	8.234	1063.62	152.535	139.976	12.559
2002	83014	12112.097	10972.543	1139.553	1.373	9.408	1014.99	148.092	134.159	13.933
2003	79302	11683.252	10414.849	1268.403	1.599	10.857	960.214	141.465	126.106	15.358
2004	73861	11139.095	9712.243	1426.852	1.932	12.809	885.053	133.476	116.379	17.098
2005	71649	10884.683	9347.014	1537.669	2.146	14.127	848.672	128.927	110.714	18.213
2006	67551	10397.565	8731.030	1666.534	2.467	16.028	792.791	122.028	102.469	19.559
2007	63503	9785.831	8070.108	1715.723	2.702	17.533	737.521	113.652	93.726	19.926
2008	63171	9922.524	8065.884	1856.640	2.939	18.711	725.389	113.940	92.620	21.320
2009	59747	9483.598	7554.751	1928.847	3.228	20.339	678.085	107.632	85.741	21.891

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	215556.242	16926.31	1.025	7.281	1043.56	146.971	136.271	10.700

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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_17_Vary_parameter_combinations.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	3109.682	6.334	0.019	0.203	461.369	44.228	44.138	0.090
1992	32560	3095.448	3079.777	15.671	0.048	0.506	455.708	43.324	43.104	0.219
1993	32768	3114.516	3081.704	32.812	0.100	1.054	452.005	42.962	42.509	0.453
1994	33005	3168.398	3110.632	57.767	0.175	1.823	448.353	43.041	42.256	0.785
1995	33730	3200.274	3115.768	84.506	0.251	2.641	450.946	42.785	41.656	1.130
1996	33750	3234.738	3127.635	107.103	0.317	3.311	445.180	42.668	41.255	1.413
1997	33699	3240.665	3109.141	131.523	0.390	4.059	438.271	42.146	40.436	1.711
1998	33274	3171.578	3004.541	167.037	0.502	5.267	426.640	40.666	38.524	2.142
1999	33891	3153.786	2941.186	212.600	0.627	6.741	428.694	39.893	37.204	2.689
2000	33827	3237.043	2967.440	269.603	0.797	8.329	422.514	40.432	37.065	3.367
2001	32506	3110.972	2797.776	313.195	0.964	10.067	401.468	38.422	34.554	3.868
2002	32078	3123.298	2774.519	348.779	1.087	11.167	392.210	38.188	33.923	4.264
2003	30568	3025.984	2647.463	378.521	1.238	12.509	370.127	36.640	32.056	4.583
2004	29388	2983.453	2549.912	433.542	1.475	14.532	352.147	35.750	30.555	5.195
2005	27954	2926.679	2467.044	459.636	1.644	15.705	331.111	34.666	29.222	5.444
2006	27201	2889.308	2387.492	501.816	1.845	17.368	319.236	33.909	28.020	5.889
2007	26302	2810.025	2279.881	530.145	2.016	18.866	305.470	32.636	26.478	6.157
2008	25998	2773.025	2217.810	555.215	2.136	20.022	298.534	31.843	25.467	6.376
2009	25040	2723.293	2137.461	585.832	2.340	21.512	284.186	30.907	24.259	6.649

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	56100.106	5191.637	0.833	8.470	394.195	38.747	35.465	3.282

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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	11809.591	9.257	0.035	0.078	377.015	167.754	167.623	0.131
1992	26828	11981.252	11965.023	16.230	0.060	0.135	375.483	167.689	167.462	0.227
1993	29774	13348.134	13311.989	36.145	0.121	0.271	410.705	184.125	183.627	0.499
1994	29804	13404.876	13361.158	43.718	0.147	0.326	404.869	182.097	181.503	0.594
1995	29755	13407.404	13328.129	79.276	0.266	0.591	397.803	179.248	178.188	1.060
1996	30900	14056.435	13983.948	72.487	0.235	0.516	407.587	185.412	184.455	0.956
1997	31128	14163.848	14062.189	101.659	0.327	0.718	404.834	184.207	182.885	1.322
1998	32096	14738.220	14596.593	141.628	0.441	0.961	411.536	188.974	187.158	1.816
1999	34616	15867.376	15648.728	218.649	0.632	1.378	437.865	200.710	197.944	2.766
2000	34299	15766.470	15479.070	287.400	0.838	1.823	428.409	196.930	193.340	3.590
2001	34592	16091.193	15712.061	379.132	1.096	2.356	427.231	198.736	194.053	4.683
2002	34291	16120.902	15658.750	462.151	1.348	2.867	419.268	197.106	191.456	5.651
2003	35074	16455.810	15867.675	588.135	1.677	3.574	424.687	199.252	192.131	7.121
2004	33512	15694.580	15020.889	673.691	2.010	4.293	401.564	188.063	179.991	8.073
2005	35392	16549.102	15718.047	831.054	2.348	5.022	419.213	196.022	186.178	9.844
2006	33981	15926.096	14969.090	957.006	2.816	6.009	398.807	186.912	175.680	11.232
2007	34000	15778.477	14744.848	1033.629	3.040	6.551	394.875	183.251	171.246	12.005
2008	37425	17438.838	16211.302	1227.536	3.280	7.039	429.749	200.249	186.154	14.096
2009	36826	17214.158	15835.342	1378.815	3.744	8.010	417.948	195.368	179.720	15.649

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	288099.636	8537.597	1.322	2.878	408.132	187.528	182.131	5.397

Results for PHIM for Run 23 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN12
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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: 23, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN12

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000

Results for PHIM for Run 23 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2039.00	22.22	136.00	5.02			
5	All Ages	Current MRTP	579.00	6.31					
5	All Ages	Current Dual	89.00	0.97					
5	All Ages	Former	2570.00	28.00			15.77	123.00	4.79

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	291.00	85.84					
5	18-19	Current CC	38.00	11.21	0.00	0.00			
5	18-19	Current MRTP	5.00	1.47					
5	18-19	Current Dual	2.00	0.59					
5	18-19	Former	3.00	0.88			0.67	3.00	100.00

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

Results for PHIM for Run 23 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	214.00	23.39	1.00	0.38			
5	20-24	Current MRTP	36.00	3.93					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	24.00	2.62			3.25	7.00	29.17
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	527.00	55.01					
5	25-29	Current CC	233.00	24.32	6.00	1.88			
5	25-29	Current MRTP	69.00	7.20					
5	25-29	Current Dual	17.00	1.77					
5	25-29	Former	112.00	11.69			5.22	10.00	8.93
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	487.00	45.34					
5	30-34	Current CC	304.00	28.31	14.00	3.43			
5	30-34	Current MRTP	94.00	8.75					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	179.00	16.67			7.01	12.00	6.70
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	474.00	43.77					
5	35-39	Current CC	269.00	24.84	12.00	3.39			
5	35-39	Current MRTP	74.00	6.83					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	255.00	23.55			7.81	13.00	5.10
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	402.00	41.32					
5	40-44	Current CC	215.00	22.10	11.00	3.90			
5	40-44	Current MRTP	63.00	6.47					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	289.00	29.70			11.56	21.00	7.27
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	189.00	22.00	14.00	5.43			
5	45-49	Current MRTP	62.00	7.22					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	293.00	34.11			13.99	13.00	4.44
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	155.00	24.60	14.00	6.90			
5	50-54	Current MRTP	43.00	6.83					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	235.00	37.30			17.34	10.00	4.26
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	117.00	22.33	10.00	6.37			
5	55-59	Current MRTP	36.00	6.87					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	212.00	40.46			17.67	7.00	3.30
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	92.00	17.86	15.00	12.50			
5	60-64	Current MRTP	23.00	4.47					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	254.00	49.32			18.38	12.00	4.72
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	96.00	19.20	12.00	9.38			
5	65-69	Current MRTP	28.00	5.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	252.00	50.40			22.50	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 23 (APPENDIX_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	61.00	13.62	16.00	17.58			
5	70-74	Current MRTP	25.00	5.58					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	251.00	56.03			23.33	4.00	1.59
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	56.00	15.60	11.00	13.75			
5	75-79	Current MRTP	21.00	5.85					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	211.00	58.77			24.41	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	4083.00	43.55					
10	All Ages	Current CC	1649.00	17.59	226.00	8.21			
10	All Ages	Current MRTP	995.00	10.61					
10	All Ages	Current Dual	108.00	1.15					
10	All Ages	Former	2540.00	27.09			17.71	129.00	5.08
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	679.00	75.78					
10	20-24	Current CC	153.00	17.08	2.00	0.98			
10	20-24	Current MRTP	39.00	4.35					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	13.00	1.45			2.77	6.00	46.15
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	195.00	21.31	1.00	0.32			
10	25-29	Current MRTP	90.00	9.84					
10	25-29	Current Dual	26.00	2.84					
10	25-29	Former	51.00	5.57			4.88	12.00	23.53
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	483.00	50.42					
10	30-34	Current CC	186.00	19.42	13.00	3.93			
10	30-34	Current MRTP	125.00	13.05					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	144.00	15.03			7.97	19.00	13.19
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	474.00	44.13					
10	35-39	Current CC	237.00	22.07	19.00	4.96			
10	35-39	Current MRTP	133.00	12.38					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	217.00	20.20			9.80	19.00	8.76
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	470.00	43.40					
10	40-44	Current CC	202.00	18.65	26.00	7.81			
10	40-44	Current MRTP	127.00	11.73					
10	40-44	Current Dual	4.00	0.37					
10	40-44	Former	280.00	25.85			11.28	16.00	5.71
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	402.00	41.32					
10	45-49	Current CC	168.00	17.27	22.00	8.24			
10	45-49	Current MRTP	94.00	9.66					
10	45-49	Current Dual	5.00	0.51					
10	45-49	Former	304.00	31.24			15.29	12.00	3.95
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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	118.00	13.74	28.00	11.67			
10	50-54	Current MRTP	111.00	12.92					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	311.00	36.20			16.99	15.00	4.82
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	117.00	18.57	22.00	11.46			
10	55-59	Current MRTP	74.00	11.75					
10	55-59	Current Dual	1.00	0.16					
10	55-59	Former	246.00	39.05			20.63	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	87.00	16.60	16.00	11.11			
10	60-64	Current MRTP	53.00	10.11					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	225.00	42.94			20.57	7.00	3.11
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	69.00	13.40	23.00	18.85			
10	65-69	Current MRTP	49.00	9.51					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	252.00	48.93			22.10	3.00	1.19
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	29.00	21.64			
10	70-74	Current MRTP	55.00	11.00					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	246.00	49.20			25.73	10.00	4.07
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	42.00	9.38	25.00	27.47			
10	75-79	Current MRTP	45.00	10.04					
10	75-79	Current Dual	4.00	0.89					
10	75-79	Former	251.00	56.03			26.85	4.00	1.59
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	3856.00	43.19					
15	All Ages	Current CC	1264.00	14.16	304.00	11.45			
15	All Ages	Current MRTP	1270.00	14.23					
15	All Ages	Current Dual	122.00	1.37					
15	All Ages	Former	2415.00	27.05			19.48	124.00	5.13
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	608.00	67.86					
15	25-29	Current CC	149.00	16.63	1.00	0.39			
15	25-29	Current MRTP	85.00	9.49					
15	25-29	Current Dual	20.00	2.23					
15	25-29	Former	34.00	3.79			3.94	9.00	26.47
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	520.00	56.83					

Results for PHIM for Run 23 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	155.00	16.94	4.00	1.26			
15	30-34	Current MRTP	138.00	15.08					
15	30-34	Current Dual	25.00	2.73					
15	30-34	Former	77.00	8.42			6.53	18.00	23.38
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	468.00	48.85					
15	35-39	Current CC	143.00	14.93	19.00	5.76			
15	35-39	Current MRTP	163.00	17.01					
15	35-39	Current Dual	24.00	2.51					
15	35-39	Former	160.00	16.70			11.28	10.00	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	472.00	43.95					
15	40-44	Current CC	171.00	15.92	28.00	7.63			
15	40-44	Current MRTP	180.00	16.76					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	235.00	21.88			13.21	11.00	4.68
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	470.00	43.40					
15	45-49	Current CC	158.00	14.59	37.00	11.67			
15	45-49	Current MRTP	151.00	13.94					
15	45-49	Current Dual	8.00	0.74					
15	45-49	Former	296.00	27.33			14.92	16.00	5.41
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	402.00	41.32					
15	50-54	Current CC	123.00	12.64	30.00	11.58			
15	50-54	Current MRTP	129.00	13.26					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	312.00	32.07			19.01	14.00	4.49
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	90.00	10.48	39.00	17.57			
15	55-59	Current MRTP	128.00	14.90					
15	55-59	Current Dual	4.00	0.47					
15	55-59	Former	329.00	38.30			20.08	15.00	4.56
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	88.00	13.97	35.00	18.92			
15	60-64	Current MRTP	97.00	15.40					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	253.00	40.16			23.53	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	68.00	12.98	24.00	17.65			
15	65-69	Current MRTP	62.00	11.83					
15	65-69	Current Dual	6.00	1.15					
15	65-69	Former	233.00	44.47			23.00	6.00	2.58
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	56.00	10.87	36.00	29.51			
15	70-74	Current MRTP	60.00	11.65					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	252.00	48.93			25.53	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	63.00	12.60	51.00	34.93			
15	75-79	Current MRTP	77.00	15.40					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	234.00	46.80			29.12	9.00	3.85
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	3676.00	43.62					
20	All Ages	Current CC	934.00	11.08	370.00	14.84			

Results for PHIM for Run 23 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	1450.00	17.21					
20	All Ages	Current Dual	110.00	1.31					
20	All Ages	Former	2257.00	26.78			21.24	107.00	4.74

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	575.00	64.17					
20	30-34	Current CC	122.00	13.62	4.00	1.48			
20	30-34	Current MRTP	127.00	14.17					
20	30-34	Current Dual	21.00	2.34					
20	30-34	Former	51.00	5.69			6.35	9.00	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	502.00	54.86					
20	35-39	Current CC	124.00	13.55	10.00	3.13			
20	35-39	Current MRTP	176.00	19.23					
20	35-39	Current Dual	19.00	2.08					
20	35-39	Former	94.00	10.27			8.94	13.00	13.83

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	459.00	47.91					
20	40-44	Current CC	111.00	11.59	28.00	8.54			
20	40-44	Current MRTP	197.00	20.56					
20	40-44	Current Dual	20.00	2.09					
20	40-44	Former	171.00	17.85			14.41	8.00	4.68

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	472.00	43.95					
20	45-49	Current CC	138.00	12.85	41.00	11.42			
20	45-49	Current MRTP	211.00	19.65					
20	45-49	Current Dual	10.00	0.93					
20	45-49	Former	243.00	22.63			16.75	12.00	4.94

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	470.00	43.40					
20	50-54	Current CC	108.00	9.97	50.00	16.13			
20	50-54	Current MRTP	198.00	18.28					
20	50-54	Current Dual	4.00	0.37					
20	50-54	Former	303.00	27.98			18.42	12.00	3.96

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	402.00	41.32					
20	55-59	Current CC	101.00	10.38	46.00	18.70			
20	55-59	Current MRTP	138.00	14.18					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	325.00	33.40			22.08	15.00	4.62

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	70.00	8.15	59.00	26.94			
20	60-64	Current MRTP	141.00	16.41					

Results for PHIM for Run 23 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	8.00	0.93					
20	60-64	Former	332.00	38.65			23.44	11.00	3.31

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	69.00	10.95	49.00	26.06			
20	65-69	Current MRTP	114.00	18.10					
20	65-69	Current Dual	5.00	0.79					
20	65-69	Former	250.00	39.68			26.38	7.00	2.80

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	48.00	9.16	36.00	27.27			
20	70-74	Current MRTP	77.00	14.69					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	237.00	45.23			25.76	12.00	5.06

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	43.00	8.35	47.00	38.21			
20	75-79	Current MRTP	71.00	13.79					
20	75-79	Current Dual	9.00	1.75					
20	75-79	Former	251.00	48.74			27.86	8.00	3.19

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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	124009.131	123.453	0.039	0.099	4845.61	1920.39	1918.48	1.910
1992	308577	122143.718	121799.798	343.920	0.111	0.282	4692.62	1857.47	1852.24	5.230
1993	311713	123269.216	122598.754	670.462	0.215	0.544	4656.77	1841.55	1831.54	10.016
1994	305700	120480.723	119470.341	1010.382	0.331	0.839	4482.57	1766.64	1751.83	14.816
1995	303225	118666.569	117231.779	1434.790	0.473	1.209	4361.58	1706.89	1686.26	20.638
1996	299559	116607.195	114840.899	1766.295	0.590	1.515	4242.85	1651.58	1626.57	25.017
1997	294226	114665.051	112576.497	2088.554	0.710	1.821	4100.64	1598.09	1568.98	29.108
1998	289258	113038.380	110487.490	2550.890	0.882	2.257	3966.28	1549.97	1514.99	34.978
1999	311002	117067.463	113686.506	3380.957	1.087	2.888	4198.14	1580.27	1534.63	45.639
2000	303786	114977.407	111201.938	3775.469	1.243	3.284	4041.13	1529.49	1479.27	50.223
2001	296294	113047.319	109040.839	4006.480	1.352	3.544	3890.54	1484.39	1431.78	52.608
2002	291898	111744.742	107414.294	4330.448	1.484	3.875	3789.34	1450.64	1394.42	56.217
2003	285865	110551.854	105603.625	4948.229	1.731	4.476	3671.31	1419.80	1356.25	63.549
2004	274177	107418.262	102211.181	5207.081	1.899	4.847	3481.92	1364.16	1298.04	66.128
2005	272379	107678.770	102054.195	5624.575	2.065	5.223	3417.44	1351.01	1280.44	70.570
2006	264118	104357.806	98486.669	5871.137	2.223	5.626	3281.83	1296.71	1223.76	72.952
2007	258419	102690.449	96637.316	6053.134	2.342	5.895	3176.05	1262.10	1187.70	74.395
2008	259461	103492.166	96861.077	6631.090	2.556	6.407	3150.91	1256.82	1176.29	80.528
2009	253907	101384.044	94441.667	6942.376	2.734	6.848	3045.20	1215.94	1132.68	83.263

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	2206483.958	66759.72	1.148	2.937	3927.78	1535.76	1490.66	45.102

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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_17_Vary_parameter_combinations.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	63047.112	21.674	0.028	0.034	1213.84	975.702	975.367	0.335
1992	77987	62535.347	62475.531	59.816	0.077	0.096	1185.97	950.993	950.083	0.910
1993	78542	62883.111	62770.847	112.264	0.143	0.179	1173.36	939.428	937.751	1.677
1994	77437	61805.804	61632.067	173.737	0.224	0.281	1135.48	906.276	903.729	2.548
1995	76904	61145.799	60899.203	246.597	0.321	0.403	1106.18	879.519	875.972	3.547
1996	76232	60385.323	60080.880	304.443	0.399	0.504	1079.72	855.277	850.965	4.312
1997	75473	59549.806	59198.096	351.709	0.466	0.591	1051.87	829.947	825.045	4.902
1998	75381	59292.315	58818.717	473.597	0.628	0.799	1033.62	813.010	806.516	6.494
1999	73159	57398.351	56823.574	574.777	0.786	1.001	987.557	774.807	767.048	7.759
2000	73784	57716.549	57015.878	700.671	0.950	1.214	981.515	767.777	758.456	9.321
2001	73294	57211.877	56450.272	761.606	1.039	1.331	962.399	751.230	741.230	10.000
2002	72442	56438.810	55606.751	832.059	1.149	1.474	940.422	732.673	721.872	10.802
2003	71942	55948.341	54974.169	974.172	1.354	1.741	923.937	718.533	706.022	12.511
2004	71301	55339.218	54259.799	1079.420	1.514	1.951	905.490	702.783	689.075	13.708
2005	70964	54964.459	53802.202	1162.258	1.638	2.115	890.360	689.620	675.037	14.582
2006	69658	53781.526	52554.001	1227.525	1.762	2.282	865.543	668.268	653.016	15.253
2007	68565	52784.985	51495.079	1289.905	1.881	2.444	842.687	648.745	632.892	15.853
2008	68226	52470.692	50999.736	1470.956	2.156	2.803	828.542	637.208	619.345	17.863
2009	67509	51823.021	50229.656	1593.365	2.360	3.075	809.661	621.533	602.424	19.110

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	1146577.977	13410.55	0.909	1.156	997.213	783.665	774.605	9.060

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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	36988.039	79.345	0.047	0.214	2599.72	573.449	572.221	1.228
1992	164548	35863.851	35642.353	221.499	0.135	0.618	2502.33	545.392	542.024	3.368
1993	164362	35459.800	35023.354	436.446	0.266	1.231	2455.45	529.744	523.223	6.520
1994	159866	34293.631	33650.385	643.247	0.402	1.876	2344.16	502.857	493.425	9.432
1995	158083	33531.695	32622.449	909.245	0.575	2.712	2273.86	482.318	469.240	13.079
1996	154875	32438.163	31320.932	1117.231	0.721	3.444	2193.60	459.443	443.619	15.824
1997	149970	31179.663	29856.681	1322.982	0.882	4.243	2090.14	434.552	416.113	18.438
1998	145407	29860.736	28307.962	1552.774	1.068	5.200	1993.81	409.447	388.156	21.291
1999	165952	34413.904	32274.692	2139.212	1.289	6.216	2240.15	464.545	435.669	28.877
2000	160260	33265.290	30945.580	2319.710	1.447	6.973	2131.87	442.513	411.655	30.858
2001	154444	32074.102	29623.025	2451.076	1.587	7.642	2027.95	421.154	388.970	32.184
2002	151887	31817.956	29179.675	2638.282	1.737	8.292	1971.76	413.052	378.803	34.249
2003	146733	31025.931	28054.897	2971.035	2.025	9.576	1884.46	398.460	360.303	38.156
2004	138381	29503.602	26432.338	3071.264	2.219	10.410	1757.38	374.682	335.679	39.004
2005	135881	29077.894	25780.064	3297.830	2.427	11.341	1704.85	364.830	323.453	41.377
2006	131922	28385.448	24931.147	3454.301	2.618	12.169	1639.21	352.707	309.785	42.922
2007	126502	27327.625	23829.995	3497.631	2.765	12.799	1554.75	335.866	292.879	42.987
2008	125859	27025.472	23320.541	3704.931	2.944	13.709	1528.44	328.199	283.206	44.993
2009	122428	26361.626	22555.606	3806.020	3.109	14.438	1468.33	316.165	270.518	45.647

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	598722.613	39634.06	1.323	6.209	2024.64	431.261	404.485	26.776

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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_17_Vary_parameter_combinations.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	4476.934	11.049	0.034	0.246	504.630	69.431	69.260	0.171
1992	32100	4371.196	4340.440	30.756	0.096	0.704	488.154	66.474	66.006	0.468
1993	32896	4414.136	4349.199	64.937	0.197	1.471	491.442	65.944	64.974	0.970
1994	33323	4474.895	4372.557	102.339	0.307	2.287	488.625	65.617	64.116	1.501
1995	33569	4476.290	4327.741	148.550	0.443	3.319	482.855	64.387	62.250	2.137
1996	33870	4489.078	4303.744	185.334	0.547	4.129	479.723	63.582	60.957	2.625
1997	33516	4444.866	4215.747	229.120	0.684	5.155	467.113	61.948	58.755	3.193
1998	32795	4313.427	4052.604	260.822	0.795	6.047	449.682	59.145	55.569	3.576
1999	33375	4232.739	3931.098	301.640	0.904	7.126	450.521	57.137	53.065	4.072
2000	33459	4307.577	3980.321	327.256	0.978	7.597	445.090	57.302	52.948	4.353
2001	32275	4136.308	3802.802	333.506	1.033	8.063	423.792	54.312	49.933	4.379
2002	31586	4079.175	3726.109	353.065	1.118	8.655	410.041	52.955	48.371	4.583
2003	30985	4096.221	3676.813	419.408	1.354	10.239	397.934	52.607	47.221	5.386
2004	29884	4034.217	3590.543	443.674	1.485	10.998	379.513	51.233	45.598	5.634
2005	28708	3944.303	3466.973	477.330	1.663	12.102	360.189	49.488	43.499	5.989
2006	28188	3970.169	3447.239	522.930	1.855	13.171	350.253	49.332	42.834	6.498
2007	28026	3957.558	3411.612	545.946	1.948	13.795	344.449	48.640	41.930	6.710
2008	27128	3812.302	3263.757	548.545	2.022	14.389	329.444	46.297	39.635	6.662
2009	27068	3827.467	3243.512	583.954	2.157	15.257	324.637	45.904	38.901	7.004

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	78567.342	5890.161	0.938	6.974	424.421	57.058	53.079	3.979

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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	19497.047	11.384	0.033	0.058	527.418	301.804	301.628	0.176
1992	33942	19373.324	19341.474	31.850	0.094	0.164	516.166	294.616	294.131	0.484
1993	35913	20512.169	20455.354	56.815	0.158	0.277	536.514	306.437	305.588	0.849
1994	35074	19906.392	19815.333	91.059	0.260	0.457	514.300	291.893	290.558	1.335
1995	34669	19512.784	19382.386	130.399	0.376	0.668	498.677	280.671	278.795	1.876
1996	34582	19294.631	19135.344	159.287	0.461	0.826	489.808	273.283	271.026	2.256
1997	35267	19490.717	19305.973	184.743	0.524	0.948	491.517	271.643	269.068	2.575
1998	35675	19571.902	19308.206	263.696	0.739	1.347	489.172	268.368	264.752	3.616
1999	38516	21022.469	20657.141	365.327	0.949	1.738	519.919	283.777	278.846	4.931
2000	36283	19687.992	19260.159	427.832	1.179	2.173	482.656	261.900	256.209	5.691
2001	36281	19625.032	19164.740	460.292	1.269	2.345	476.394	257.690	251.646	6.044
2002	35983	19408.801	18901.759	507.042	1.409	2.612	467.122	251.960	245.378	6.582
2003	36205	19481.360	18897.746	583.614	1.612	2.996	464.974	250.195	242.700	7.495
2004	34611	18541.224	17928.502	612.723	1.770	3.305	439.544	235.465	227.684	7.781
2005	36826	19692.114	19004.957	687.157	1.866	3.490	462.043	247.070	238.448	8.622
2006	34350	18220.663	17554.281	666.382	1.940	3.657	426.820	226.403	218.123	8.280
2007	35326	18620.282	17900.630	719.652	2.037	3.865	434.168	228.849	220.005	8.845
2008	38248	20183.701	19277.043	906.658	2.370	4.492	464.487	245.112	234.102	11.011
2009	36902	19371.930	18412.893	959.037	2.599	4.951	442.580	232.335	220.833	11.502

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	382616.026	7824.948	1.098	2.004	481.512	263.774	258.488	5.286

Results for PHIM for Run 24 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN12
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN12

		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	1-3	0.001840	0.000080	0.000080	0.001500	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.002000	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.003000	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.004500	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.001500	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.002000	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.003000	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.004500	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.004500	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.004000	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.004000	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.004000	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.004000	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.004000	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.004000	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.004000	0.002000

Results for PHIM for Run 24 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	1684.00	18.55	117.00	5.22			
5	All Ages	Current MRTP	490.00	5.40					
5	All Ages	Current Dual	67.00	0.74					
5	All Ages	Former	1957.00	21.55			15.03	94.00	4.80

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 24 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	208.00	24.64	3.00	1.18			
5	20-24	Current MRTP	37.00	4.38					
5	20-24	Current Dual	9.00	1.07					
5	20-24	Former	15.00	1.78			3.93	4.00	26.67
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	457.00	54.99					
5	25-29	Current CC	172.00	20.70	10.00	4.05			
5	25-29	Current MRTP	61.00	7.34					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	127.00	15.28			5.67	9.00	7.09
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	516.00	51.65					
5	30-34	Current CC	229.00	22.92	12.00	3.95			
5	30-34	Current MRTP	67.00	6.71					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	179.00	17.92			7.87	10.00	5.59
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	550.00	49.02					
5	35-39	Current CC	246.00	21.93	8.00	2.42			
5	35-39	Current MRTP	78.00	6.95					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	241.00	21.48			8.45	12.00	4.98
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	489.00	50.41					
5	40-44	Current CC	165.00	17.01	8.00	3.48			
5	40-44	Current MRTP	60.00	6.19					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	251.00	25.88			11.65	10.00	3.98
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	146.00	18.00	12.00	6.06			
5	45-49	Current MRTP	45.00	5.55					
5	45-49	Current Dual	7.00	0.86					
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	126.00	20.29	9.00	5.66			
5	50-54	Current MRTP	31.00	4.99					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	161.00	25.93			15.70	11.00	6.83
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	99.00	18.50	8.00	5.97			
5	55-59	Current MRTP	32.00	5.98					
5	55-59	Current Dual	3.00	0.56					
5	55-59	Former	149.00	27.85			15.58	6.00	4.03
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	72.00	14.75	7.00	7.07			
5	60-64	Current MRTP	25.00	5.12					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	139.00	28.48			20.22	7.00	5.04
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	85.00	15.86	13.00	12.38			
5	65-69	Current MRTP	18.00	3.36					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	171.00	31.90			20.50	11.00	6.43
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	66.00	12.24	14.00	16.28			
5	70-74	Current MRTP	17.00	3.15					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	173.00	32.10			25.09	4.00	2.31

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	40.00	8.23	13.00	22.03			
5	75-79	Current MRTP	15.00	3.09					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.03	2.00	1.25

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	4869.00	53.45					
10	All Ages	Current CC	1337.00	14.68	189.00	8.15			
10	All Ages	Current MRTP	871.00	9.56					
10	All Ages	Current Dual	111.00	1.22					
10	All Ages	Former	1921.00	21.09			16.87	97.00	5.05

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	632.00	77.74					
10	20-24	Current CC	125.00	15.38	1.00	0.60			
10	20-24	Current MRTP	30.00	3.69					
10	20-24	Current Dual	11.00	1.35					
10	20-24	Former	15.00	1.85			2.53	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	527.00	62.44					
10	25-29	Current CC	176.00	20.85	5.00	1.74			
10	25-29	Current MRTP	89.00	10.55					
10	25-29	Current Dual	22.00	2.61					
10	25-29	Former	30.00	3.55			5.63	6.00	20.00

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	423.00	50.90					
10	30-34	Current CC	142.00	17.09	15.00	5.68			
10	30-34	Current MRTP	98.00	11.79					
10	30-34	Current Dual	24.00	2.89					
10	30-34	Former	144.00	17.33			9.24	8.00	5.56

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	493.00	49.35					
10	35-39	Current CC	169.00	16.92	24.00	7.69			
10	35-39	Current MRTP	127.00	12.71					
10	35-39	Current Dual	16.00	1.60					
10	35-39	Former	194.00	19.42			11.21	14.00	7.22

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	540.00	48.13					
10	40-44	Current CC	180.00	16.04	19.00	5.83			
10	40-44	Current MRTP	134.00	11.94					
10	40-44	Current Dual	12.00	1.07					
10	40-44	Former	256.00	22.82			12.12	11.00	4.30

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	489.00	50.41					
10	45-49	Current CC	117.00	12.06	22.00	9.87			
10	45-49	Current MRTP	100.00	10.31					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	258.00	26.60			15.66	8.00	3.10

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	115.00	14.18	23.00	11.79			
10	50-54	Current MRTP	77.00	9.49					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	194.00	23.92			15.70	8.00	4.12
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	95.00	15.30	13.00	8.67			
10	55-59	Current MRTP	51.00	8.21					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	170.00	27.38			18.83	7.00	4.12
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	66.00	12.34	11.00	8.94			
10	60-64	Current MRTP	55.00	10.28					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	160.00	29.91			18.75	2.00	1.25
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	52.00	10.66	11.00	11.83			
10	65-69	Current MRTP	36.00	7.38					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	145.00	29.71			23.04	8.00	5.52
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	52.00	9.70	15.00	16.48			
10	70-74	Current MRTP	37.00	6.90					
10	70-74	Current Dual	2.00	0.37					
10	70-74	Former	185.00	34.51			22.75	10.00	5.41
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	48.00	8.91	30.00	33.71			
10	75-79	Current MRTP	37.00	6.86					
10	75-79	Current Dual	4.00	0.74					
10	75-79	Former	170.00	31.54			27.94	9.00	5.29
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	4463.00	52.08					
15	All Ages	Current CC	998.00	11.65	230.00	10.37			
15	All Ages	Current MRTP	1098.00	12.81					
15	All Ages	Current Dual	121.00	1.41					
15	All Ages	Former	1890.00	22.05			18.41	101.00	5.34
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	569.00	69.99					
15	25-29	Current CC	122.00	15.01	2.00	0.93			
15	25-29	Current MRTP	74.00	9.10					
15	25-29	Current Dual	19.00	2.34					
15	25-29	Former	29.00	3.57			4.28	11.00	37.93
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	482.00	57.11					

Results for PHIM for Run 24 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	146.00	17.30	6.00	1.95			
15	30-34	Current MRTP	135.00	16.00					
15	30-34	Current Dual	26.00	3.08					
15	30-34	Former	55.00	6.52			6.62	9.00	16.36
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	409.00	49.22					
15	35-39	Current CC	109.00	13.12	20.00	7.78			
15	35-39	Current MRTP	129.00	15.52					
15	35-39	Current Dual	19.00	2.29					
15	35-39	Former	165.00	19.86			12.01	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	489.00	48.95					
15	40-44	Current CC	123.00	12.31	36.00	12.20			
15	40-44	Current MRTP	156.00	15.62					
15	40-44	Current Dual	16.00	1.60					
15	40-44	Former	215.00	21.52			14.04	14.00	6.51
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	540.00	48.13					
15	45-49	Current CC	129.00	11.50	24.00	7.89			
15	45-49	Current MRTP	164.00	14.62					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	278.00	24.78			15.27	13.00	4.68
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	489.00	50.41					
15	50-54	Current CC	86.00	8.87	28.00	13.40			
15	50-54	Current MRTP	114.00	11.75					
15	50-54	Current Dual	9.00	0.93					
15	50-54	Former	272.00	28.04			18.89	7.00	2.57
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	84.00	10.36	28.00	14.89			
15	55-59	Current MRTP	100.00	12.33					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	201.00	24.78			19.13	8.00	3.98
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	68.00	10.95	20.00	14.29			
15	60-64	Current MRTP	67.00	10.79					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	180.00	28.99			21.58	8.00	4.44
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	56.00	10.47	22.00	18.18			
15	65-69	Current MRTP	60.00	11.21					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	162.00	30.28			22.28	5.00	3.09
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	41.00	8.40	19.00	21.35			
15	70-74	Current MRTP	45.00	9.22					
15	70-74	Current Dual	3.00	0.61					
15	70-74	Former	149.00	30.53			25.60	4.00	2.68
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	34.00	6.34	25.00	27.17			
15	75-79	Current MRTP	54.00	10.07					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	184.00	34.33			25.96	8.00	4.35
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	4144.00	51.58					
20	All Ages	Current CC	766.00	9.53	255.00	12.28			

Results for PHIM for Run 24 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	1207.00	15.02					
20	All Ages	Current Dual	104.00	1.29					
20	All Ages	Former	1813.00	22.57			20.33	85.00	4.69

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	536.00	65.93					
20	30-34	Current CC	111.00	13.65	3.00	1.28			
20	30-34	Current MRTP	105.00	12.92					
20	30-34	Current Dual	18.00	2.21					
20	30-34	Former	43.00	5.29			6.65	6.00	13.95

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	466.00	55.21					
20	35-39	Current CC	109.00	12.91	8.00	2.65			
20	35-39	Current MRTP	174.00	20.62					
20	35-39	Current Dual	19.00	2.25					
20	35-39	Former	76.00	9.00			8.63	8.00	10.53

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	399.00	48.01					
20	40-44	Current CC	86.00	10.35	21.00	8.30			
20	40-44	Current MRTP	149.00	17.93					
20	40-44	Current Dual	18.00	2.17					
20	40-44	Former	179.00	21.54			15.27	10.00	5.59

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	48.95					
20	45-49	Current CC	101.00	10.11	41.00	14.29			
20	45-49	Current MRTP	174.00	17.42					
20	45-49	Current Dual	12.00	1.20					
20	45-49	Former	223.00	22.32			17.41	6.00	2.69

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	540.00	48.13					
20	50-54	Current CC	105.00	9.36	33.00	11.58			
20	50-54	Current MRTP	173.00	15.42					
20	50-54	Current Dual	7.00	0.62					
20	50-54	Former	297.00	26.47			18.24	15.00	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	489.00	50.41					
20	55-59	Current CC	65.00	6.70	35.00	17.68			
20	55-59	Current MRTP	125.00	12.89					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	283.00	29.18			21.99	7.00	2.47

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	63.00	7.77	33.00	18.75			
20	60-64	Current MRTP	109.00	13.44					

Results for PHIM for Run 24 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	4.00	0.49					
20	60-64	Former	213.00	26.26			21.85	14.00	6.57

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	56.00	9.02	27.00	19.01			
20	65-69	Current MRTP	81.00	13.04					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	178.00	28.66			25.49	4.00	2.25

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	28.00	24.14			
20	70-74	Current MRTP	67.00	12.52					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	167.00	31.21			25.72	4.00	2.40

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	29.00	5.94	26.00	30.95			
20	75-79	Current MRTP	50.00	10.25					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	154.00	31.56			27.07	11.00	7.14

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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	59084.914	42.948	0.022	0.073	2826.86	839.248	838.638	0.610
1992	198532	60226.142	60126.767	99.375	0.050	0.165	2778.64	842.922	841.531	1.391
1993	202512	62332.320	62118.458	213.861	0.106	0.343	2793.47	859.818	856.868	2.950
1994	200658	62691.239	62376.802	314.437	0.157	0.502	2725.82	851.622	847.351	4.271
1995	201023	63132.954	62655.048	477.906	0.238	0.757	2687.54	844.043	837.654	6.389
1996	201180	64309.880	63770.465	539.416	0.268	0.839	2653.67	848.280	841.165	7.115
1997	198639	64547.894	63881.389	666.505	0.336	1.033	2583.39	839.475	830.807	8.668
1998	197573	65384.866	64548.410	836.456	0.423	1.279	2533.29	838.367	827.642	10.725
1999	211329	67554.762	66324.418	1230.344	0.582	1.821	2673.14	854.513	838.951	15.563
2000	208496	68184.366	66668.456	1515.910	0.727	2.223	2604.20	851.652	832.717	18.934
2001	203606	68286.060	66426.780	1859.281	0.913	2.723	2514.65	843.372	820.409	22.963
2002	200828	68983.996	66862.369	2121.627	1.056	3.076	2455.47	843.450	817.510	25.941
2003	196352	68717.830	66271.885	2445.945	1.246	3.559	2377.49	832.057	802.441	29.616
2004	188160	67344.952	64501.389	2843.563	1.511	4.222	2254.66	806.974	772.900	34.074
2005	186416	67846.650	64681.492	3165.158	1.698	4.665	2208.07	803.634	766.143	37.491
2006	180088	66622.465	63090.549	3531.916	1.961	5.301	2113.55	781.893	740.442	41.451
2007	175644	65977.201	62279.883	3697.318	2.105	5.604	2039.92	766.256	723.316	42.940
2008	177570	67121.344	63170.187	3951.157	2.225	5.887	2039.03	770.751	725.380	45.371
2009	172806	66622.993	62340.325	4282.668	2.478	6.428	1961.22	756.123	707.518	48.605

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	1268480.576	33835.79	0.867	2.598	2465.77	823.300	801.910	21.390

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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_17_Vary_parameter_combinations.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	31518.453	11.566	0.026	0.037	620.154	447.530	447.366	0.164
1992	45423	32811.446	32787.589	23.857	0.053	0.073	635.738	459.227	458.894	0.334
1993	46291	33467.735	33417.568	50.167	0.108	0.150	638.542	461.657	460.965	0.692
1994	47017	33989.389	33923.118	66.271	0.141	0.195	638.697	461.725	460.825	0.900
1995	47840	34566.580	34455.289	111.291	0.233	0.322	639.587	462.131	460.643	1.488
1996	48244	34997.958	34881.856	116.102	0.241	0.332	636.363	461.641	460.109	1.531
1997	49035	35549.658	35399.807	149.851	0.306	0.422	637.723	462.340	460.391	1.949
1998	49686	36138.033	35943.460	194.573	0.392	0.538	637.076	463.363	460.868	2.495
1999	48883	35506.142	35229.003	277.138	0.567	0.781	618.331	449.124	445.619	3.506
2000	50331	36573.306	36206.020	367.286	0.730	1.004	628.656	456.816	452.229	4.588
2001	50389	36733.445	36261.481	471.964	0.937	1.285	622.333	453.679	447.850	5.829
2002	51445	37627.700	37050.532	577.168	1.122	1.534	629.005	460.065	453.008	7.057
2003	51408	37552.784	36864.605	688.179	1.339	1.833	622.464	454.701	446.368	8.333
2004	51399	37527.823	36691.238	836.585	1.628	2.229	615.898	449.684	439.660	10.025
2005	51421	37486.186	36540.791	945.395	1.839	2.522	609.074	444.018	432.820	11.198
2006	51355	37409.496	36301.877	1107.619	2.157	2.961	602.712	439.045	426.045	12.999
2007	51839	37602.867	36402.275	1200.593	2.316	3.193	602.056	436.718	422.774	13.944
2008	50976	36986.957	35742.676	1244.281	2.441	3.364	585.355	424.719	410.431	14.288
2009	51193	37201.944	35792.432	1409.512	2.753	3.789	581.003	422.215	406.218	15.997

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	702055.440	9849.399	1.004	1.384	619.890	450.053	443.826	6.227

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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	12647.188	15.791	0.016	0.125	1368.32	179.735	179.511	0.224
1992	93721	12337.995	12294.186	43.810	0.047	0.355	1311.71	172.682	172.069	0.613
1993	93679	12401.934	12304.631	97.303	0.104	0.785	1292.22	171.073	169.731	1.342
1994	90832	12128.576	11970.743	157.832	0.174	1.301	1233.90	164.759	162.615	2.144
1995	89698	11958.696	11732.489	226.207	0.252	1.892	1199.20	159.879	156.855	3.024
1996	88286	12020.749	11741.109	279.640	0.317	2.326	1164.54	158.560	154.871	3.689
1997	84777	11593.724	11254.822	338.902	0.400	2.923	1102.56	150.782	146.374	4.408
1998	82517	11337.035	10926.304	410.731	0.498	3.623	1058.04	145.364	140.097	5.266
1999	93939	13027.458	12413.185	614.273	0.654	4.715	1188.25	164.787	157.017	7.770
2000	90039	12607.547	11903.687	703.860	0.782	5.583	1124.63	157.474	148.682	8.792
2001	86119	12350.451	11515.668	834.783	0.969	6.759	1063.62	152.535	142.225	10.310
2002	83014	12112.097	11204.210	907.886	1.094	7.496	1014.99	148.092	136.991	11.100
2003	79302	11683.252	10685.954	997.298	1.258	8.536	960.214	141.465	129.389	12.076
2004	73861	11139.095	10015.410	1123.686	1.521	10.088	885.053	133.476	120.012	13.465
2005	71649	10884.683	9693.760	1190.923	1.662	10.941	848.672	128.927	114.821	14.106
2006	67551	10397.565	9126.941	1270.624	1.881	12.220	792.791	122.028	107.115	14.912
2007	63503	9785.831	8501.019	1284.812	2.023	13.129	737.521	113.652	98.730	14.922
2008	63171	9922.524	8568.162	1354.362	2.144	13.649	725.389	113.940	98.388	15.552
2009	59747	9483.598	8089.360	1394.238	2.334	14.702	678.085	107.632	91.808	15.824

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	219235.588	13246.96	0.802	5.698	1043.56	146.971	138.597	8.374

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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_17_Vary_parameter_combinations.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	3109.682	6.334	0.019	0.203	461.369	44.228	44.138	0.090
1992	32560	3095.448	3079.944	15.504	0.048	0.501	455.708	43.324	43.107	0.217
1993	32768	3114.516	3083.306	31.210	0.095	1.002	452.005	42.962	42.531	0.431
1994	33005	3168.398	3114.800	53.599	0.162	1.692	448.353	43.041	42.313	0.728
1995	33730	3200.274	3124.716	75.558	0.224	2.361	450.946	42.785	41.775	1.010
1996	33750	3234.738	3141.106	93.633	0.277	2.895	445.180	42.668	41.433	1.235
1997	33699	3240.665	3130.010	110.655	0.328	3.415	438.271	42.146	40.707	1.439
1998	33274	3171.578	3032.379	139.199	0.418	4.389	426.640	40.666	38.881	1.785
1999	33891	3153.786	2973.698	180.089	0.531	5.710	428.694	39.893	37.615	2.278
2000	33827	3237.043	3009.649	227.394	0.672	7.025	422.514	40.432	37.592	2.840
2001	32506	3110.972	2851.710	259.262	0.798	8.334	401.468	38.422	35.220	3.202
2002	32078	3123.298	2844.160	279.138	0.870	8.937	392.210	38.188	34.775	3.413
2003	30568	3025.984	2726.180	299.803	0.981	9.908	370.127	36.640	33.009	3.630
2004	29388	2983.453	2640.305	343.149	1.168	11.502	352.147	35.750	31.638	4.112
2005	27954	2926.679	2569.533	357.147	1.278	12.203	331.111	34.666	30.436	4.230
2006	27201	2889.308	2505.620	383.688	1.411	13.280	319.236	33.909	29.406	4.503
2007	26302	2810.025	2410.978	399.047	1.517	14.201	305.470	32.636	28.001	4.635
2008	25998	2773.025	2366.678	406.346	1.563	14.654	298.534	31.843	27.176	4.666
2009	25040	2723.293	2299.566	423.727	1.692	15.559	284.186	30.907	26.098	4.809

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	57207.262	4084.481	0.655	6.664	394.195	38.747	36.165	2.582

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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		Null	MRTP			%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	11809.591	9.257	0.035	0.078	377.015	167.754	167.623	0.131
1992	26828	11981.252	11965.048	16.204	0.060	0.135	375.483	167.689	167.462	0.227
1993	29774	13348.134	13312.953	35.181	0.118	0.264	410.705	184.125	183.640	0.485
1994	29804	13404.876	13368.141	36.735	0.123	0.274	404.869	182.097	181.598	0.499
1995	29755	13407.404	13342.554	64.850	0.218	0.484	397.803	179.248	178.381	0.867
1996	30900	14056.435	14006.394	50.041	0.162	0.356	407.587	185.412	184.751	0.660
1997	31128	14163.848	14096.751	67.097	0.216	0.474	404.834	184.207	183.335	0.873
1998	32096	14738.220	14646.267	91.953	0.286	0.624	411.536	188.974	187.795	1.179
1999	34616	15867.376	15708.532	158.844	0.459	1.001	437.865	200.710	198.700	2.009
2000	34299	15766.470	15549.100	217.370	0.634	1.379	428.409	196.930	194.215	2.715
2001	34592	16091.193	15797.922	293.271	0.848	1.823	427.231	198.736	195.113	3.622
2002	34291	16120.902	15763.466	357.436	1.042	2.217	419.268	197.106	192.736	4.370
2003	35074	16455.810	15995.146	460.664	1.313	2.799	424.687	199.252	193.674	5.578
2004	33512	15694.580	15154.436	540.144	1.612	3.442	401.564	188.063	181.591	6.472
2005	35392	16549.102	15877.409	671.693	1.898	4.059	419.213	196.022	188.066	7.956
2006	33981	15926.096	15156.111	769.985	2.266	4.835	398.807	186.912	177.875	9.037
2007	34000	15778.477	14965.612	812.865	2.391	5.152	394.875	183.251	173.810	9.441
2008	37425	17438.838	16492.670	946.167	2.528	5.426	429.749	200.249	189.384	10.865
2009	36826	17214.158	16158.968	1055.190	2.865	6.130	417.948	195.368	183.393	11.976

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	289982.286	6654.947	1.031	2.243	408.132	187.528	183.321	4.207

Results for PHIM for Run 25 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN13
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_17_Vary_parameter_combinations
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

		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 25 (APPENDIX_17_Vary_parameter_combinations.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	RUN13

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000

Results for PHIM for Run 25 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	124.00	4.63			
5	All Ages	Current MRTP	97.00	1.06					
5	All Ages	Current Dual	91.00	0.99					
5	All Ages	Former	2600.00	28.33			15.59	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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 25 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
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	527.00	55.01					
5	25-29	Current CC	281.00	29.33	1.00	0.32			
5	25-29	Current MRTP	17.00	1.77					
5	25-29	Current Dual	16.00	1.67					
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	487.00	45.34					
5	30-34	Current CC	356.00	33.15	8.00	2.11			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
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	474.00	43.77					
5	35-39	Current CC	337.00	31.12	13.00	3.66			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
5	35-39	Former	254.00	23.45			7.76	19.00	7.48
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	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
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	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	10.00	1.16					
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	140.00	26.72	9.00	6.21			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	224.00	42.75			16.80	14.00	6.25
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	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
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	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	17.00	19.32			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	254.00	56.70			23.01	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	73.00	20.33	11.00	13.92			
5	75-79	Current MRTP	3.00	0.84					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	212.00	59.05			24.31	6.00	2.83

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	4083.00	43.55					
10	All Ages	Current CC	2333.00	24.89	203.00	7.60			
10	All Ages	Current MRTP	197.00	2.10					
10	All Ages	Current Dual	141.00	1.50					
10	All Ages	Former	2621.00	27.96			17.23	172.00	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	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	12.00	1.34			2.67	5.00	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	5.00	1.62			
10	25-29	Current MRTP	31.00	3.39					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	53.00	5.79			4.28	19.00	35.85

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	483.00	50.42					
10	30-34	Current CC	252.00	26.30	5.00	1.58			
10	30-34	Current MRTP	36.00	3.76					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	159.00	16.60			7.45	21.00	13.21

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	474.00	44.13					
10	35-39	Current CC	325.00	30.26	18.00	4.97			
10	35-39	Current MRTP	21.00	1.96					
10	35-39	Current Dual	16.00	1.49					
10	35-39	Former	238.00	22.16			9.66	20.00	8.40

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	470.00	43.40					
10	40-44	Current CC	290.00	26.78	23.00	7.26			
10	40-44	Current MRTP	20.00	1.85					
10	40-44	Current Dual	7.00	0.65					
10	40-44	Former	296.00	27.33			10.66	26.00	8.78

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	402.00	41.32					
10	45-49	Current CC	264.00	27.13	22.00	7.75			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.73	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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	28.00	11.48			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	14.00	1.63					
10	50-54	Former	307.00	35.74			17.31	6.00	1.95
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	192.00	30.48					
10	55-59	Current CC	170.00	26.98	23.00	12.30			
10	55-59	Current MRTP	12.00	1.90					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	251.00	39.84			20.20	11.00	4.38
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	12.00	8.96			
10	60-64	Current MRTP	2.00	0.38					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	235.00	44.85			19.94	9.00	3.83
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	103.00	20.00	20.00	16.95			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	256.00	49.71			21.64	13.00	5.08
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	29.00	23.77			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	258.00	51.60			24.69	14.00	5.43
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	60.00	13.39	18.00	24.66			
10	75-79	Current MRTP	10.00	2.23					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	269.00	60.04			25.18	14.00	5.20
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	3856.00	43.19					
15	All Ages	Current CC	2076.00	23.26	255.00	10.25			
15	All Ages	Current MRTP	252.00	2.82					
15	All Ages	Current Dual	159.00	1.78					
15	All Ages	Former	2584.00	28.95			18.48	163.00	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	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	41.00	4.58					
15	25-29	Current Dual	23.00	2.57					
15	25-29	Former	39.00	4.35			3.59	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	520.00	56.83					

Results for PHIM for Run 25 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	224.00	24.48	9.00	2.99			
15	30-34	Current MRTP	43.00	4.70					
15	30-34	Current Dual	34.00	3.72					
15	30-34	Former	94.00	10.27			5.61	23.00	24.47
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	468.00	48.85					
15	35-39	Current CC	231.00	24.11	13.00	4.35			
15	35-39	Current MRTP	37.00	3.86					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	191.00	19.94			10.09	21.00	10.99
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	472.00	43.95					
15	40-44	Current CC	288.00	26.82	25.00	7.58			
15	40-44	Current MRTP	26.00	2.42					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	272.00	25.33			12.46	17.00	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	470.00	43.40					
15	45-49	Current CC	264.00	24.38	33.00	11.11			
15	45-49	Current MRTP	23.00	2.12					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	316.00	29.18			14.25	14.00	4.43
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	402.00	41.32					
15	50-54	Current CC	224.00	23.02	26.00	10.53			
15	50-54	Current MRTP	16.00	1.64					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	324.00	33.30			17.98	17.00	5.25
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	192.00	22.35	32.00	14.41			
15	55-59	Current MRTP	17.00	1.98					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	329.00	38.30			20.14	19.00	5.78
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	30.00	17.14			
15	60-64	Current MRTP	16.00	2.54					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	263.00	41.75			22.76	13.00	4.94
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	123.00	23.47	27.00	20.00			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	234.00	44.66			23.21	5.00	2.14
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	91.00	17.67	25.00	21.93			
15	70-74	Current MRTP	15.00	2.91					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	260.00	50.49			24.72	10.00	3.85
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	35.00	29.66			
15	75-79	Current MRTP	15.00	3.00					
15	75-79	Current Dual	5.00	1.00					
15	75-79	Former	262.00	52.40			26.59	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	3676.00	43.62					
20	All Ages	Current CC	1749.00	20.75	282.00	12.94			

Results for PHIM for Run 25 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	258.00	3.06					
20	All Ages	Current Dual	172.00	2.04					
20	All Ages	Former	2572.00	30.52			19.27	168.00	6.53

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	575.00	64.17					
20	30-34	Current CC	175.00	19.53	3.00	1.22			
20	30-34	Current MRTP	41.00	4.58					
20	30-34	Current Dual	30.00	3.35					
20	30-34	Former	75.00	8.37			5.40	17.00	22.67

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	502.00	54.86					
20	35-39	Current CC	197.00	21.53	15.00	5.38			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	34.00	3.72					
20	35-39	Former	134.00	14.64			7.49	22.00	16.42

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	459.00	47.91					
20	40-44	Current CC	210.00	21.92	21.00	7.55			
20	40-44	Current MRTP	35.00	3.65					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	221.00	23.07			12.70	14.00	6.33

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	472.00	43.95					
20	45-49	Current CC	265.00	24.67	30.00	9.90			
20	45-49	Current MRTP	26.00	2.42					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	299.00	27.84			15.22	22.00	7.36

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	470.00	43.40					
20	50-54	Current CC	228.00	21.05	43.00	16.10			
20	50-54	Current MRTP	31.00	2.86					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	346.00	31.95			16.87	17.00	4.91

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	402.00	41.32					
20	55-59	Current CC	200.00	20.55	32.00	14.29			
20	55-59	Current MRTP	16.00	1.64					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	347.00	35.66			20.65	14.00	4.03

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	169.00	19.67	38.00	18.45			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 25 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	16.00	1.86					
20	60-64	Former	345.00	40.16			22.48	16.00	4.64

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	128.00	20.32	35.00	22.15			
20	65-69	Current MRTP	20.00	3.17					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.20	15.00	5.36

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	105.00	20.04	35.00	28.23			
20	70-74	Current MRTP	10.00	1.91					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	245.00	46.76			25.41	11.00	4.49

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	30.00	31.91			
20	75-79	Current MRTP	10.00	1.94					
20	75-79	Current Dual	12.00	2.33					
20	75-79	Former	280.00	54.37			25.13	20.00	7.14

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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	124104.866	27.718	0.009	0.022	4845.61	1920.39	1919.96	0.429
1992	308577	122143.718	122027.398	116.320	0.038	0.095	4692.62	1857.47	1855.71	1.769
1993	311713	123269.216	123012.539	256.677	0.082	0.208	4656.77	1841.55	1837.72	3.835
1994	305700	120480.723	120123.838	356.885	0.117	0.296	4482.57	1766.64	1761.41	5.233
1995	303225	118666.569	118170.834	495.735	0.163	0.418	4361.58	1706.89	1699.76	7.131
1996	299559	116607.195	115984.287	622.907	0.208	0.534	4242.85	1651.58	1642.76	8.823
1997	294226	114665.051	113979.152	685.900	0.233	0.598	4100.64	1598.09	1588.53	9.559
1998	289258	113038.380	112196.889	841.491	0.291	0.744	3966.28	1549.97	1538.43	11.538
1999	311002	117067.463	115889.400	1178.063	0.379	1.006	4198.14	1580.27	1564.36	15.902
2000	303786	114977.407	113727.880	1249.528	0.411	1.087	4041.13	1529.49	1512.87	16.622
2001	296294	113047.319	111735.543	1311.776	0.443	1.160	3890.54	1484.39	1467.16	17.224
2002	291898	111744.742	110341.173	1403.568	0.481	1.256	3789.34	1450.64	1432.42	18.221
2003	285865	110551.854	109014.444	1537.410	0.538	1.391	3671.31	1419.80	1400.05	19.745
2004	274177	107418.262	105905.428	1512.834	0.552	1.408	3481.92	1364.16	1344.95	19.212
2005	272379	107678.770	106139.940	1538.829	0.565	1.429	3417.44	1351.01	1331.70	19.307
2006	264118	104357.806	102855.962	1501.844	0.569	1.439	3281.83	1296.71	1278.05	18.661
2007	258419	102690.449	101091.451	1598.998	0.619	1.557	3176.05	1262.10	1242.45	19.652
2008	259461	103492.166	101617.949	1874.218	0.722	1.811	3150.91	1256.82	1234.06	22.761
2009	253907	101384.044	99348.177	2035.866	0.802	2.008	3045.20	1215.94	1191.52	24.417

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	2253097.111	20146.57	0.347	0.886	3927.78	1535.76	1522.15	13.611

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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_17_Vary_parameter_combinations.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	63060.170	8.616	0.011	0.014	1213.84	975.702	975.569	0.133
1992	77987	62535.347	62508.478	26.869	0.034	0.043	1185.97	950.993	950.585	0.409
1993	78542	62883.111	62830.323	52.788	0.067	0.084	1173.36	939.428	938.639	0.789
1994	77437	61805.804	61729.213	76.591	0.099	0.124	1135.48	906.276	905.153	1.123
1995	76904	61145.799	61038.295	107.505	0.140	0.176	1106.18	879.519	877.972	1.546
1996	76232	60385.323	60250.827	134.495	0.176	0.223	1079.72	855.277	853.372	1.905
1997	75473	59549.806	59416.804	133.001	0.176	0.223	1051.87	829.947	828.093	1.854
1998	75381	59292.315	59095.819	196.496	0.261	0.331	1033.62	813.010	810.316	2.694
1999	73159	57398.351	57141.524	256.828	0.351	0.447	987.557	774.807	771.340	3.467
2000	73784	57716.549	57412.087	304.461	0.413	0.528	981.515	767.777	763.727	4.050
2001	73294	57211.877	56883.759	328.118	0.448	0.574	962.399	751.230	746.922	4.308
2002	72442	56438.810	56082.128	356.682	0.492	0.632	940.422	732.673	728.043	4.630
2003	71942	55948.341	55584.073	364.268	0.506	0.651	923.937	718.533	713.855	4.678
2004	71301	55339.218	54970.765	368.454	0.517	0.666	905.490	702.783	698.104	4.679
2005	70964	54964.459	54609.478	354.981	0.500	0.646	890.360	689.620	685.166	4.454
2006	69658	53781.526	53446.941	334.585	0.480	0.622	865.543	668.268	664.111	4.157
2007	68565	52784.985	52445.013	339.971	0.496	0.644	842.687	648.745	644.567	4.178
2008	68226	52470.692	52053.884	416.808	0.611	0.794	828.542	637.208	632.146	5.062
2009	67509	51823.021	51370.054	452.967	0.671	0.874	809.661	621.533	616.101	5.433

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	1476084	1159988.529	1155374.044	4614.485	0.313	0.398	997.213	783.665	780.548	3.117

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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	37053.484	13.900	0.008	0.037	2599.72	573.449	573.234	0.215
1992	164548	35863.851	35797.750	66.101	0.040	0.184	2502.33	545.392	544.387	1.005
1993	164362	35459.800	35306.251	153.550	0.093	0.433	2455.45	529.744	527.450	2.294
1994	159866	34293.631	34087.815	205.816	0.129	0.600	2344.16	502.857	499.839	3.018
1995	158083	33531.695	33253.142	278.552	0.176	0.831	2273.86	482.318	478.312	4.007
1996	154875	32438.163	32094.206	343.957	0.222	1.060	2193.60	459.443	454.571	4.872
1997	149970	31179.663	30785.339	394.324	0.263	1.265	2090.14	434.552	429.056	5.496
1998	145407	29860.736	29428.678	432.059	0.297	1.447	1993.81	409.447	403.523	5.924
1999	165952	34413.904	33800.066	613.838	0.370	1.784	2240.15	464.545	456.259	8.286
2000	160260	33265.290	32658.728	606.562	0.378	1.823	2131.87	442.513	434.444	8.069
2001	154444	32074.102	31448.315	625.786	0.405	1.951	2027.95	421.154	412.937	8.217
2002	151887	31817.956	31160.663	657.294	0.433	2.066	1971.76	413.052	404.519	8.533
2003	146733	31025.931	30258.665	767.266	0.523	2.473	1884.46	398.460	388.606	9.854
2004	138381	29503.602	28744.103	759.499	0.549	2.574	1757.38	374.682	365.037	9.645
2005	135881	29077.894	28288.876	789.018	0.581	2.713	1704.85	364.830	354.931	9.900
2006	131922	28385.448	27575.356	810.092	0.614	2.854	1639.21	352.707	342.641	10.066
2007	126502	27327.625	26440.025	887.600	0.702	3.248	1554.75	335.866	324.957	10.909
2008	125859	27025.472	26035.345	990.127	0.787	3.664	1528.44	328.199	316.175	12.024
2009	122428	26361.626	25277.606	1084.020	0.885	4.112	1468.33	316.165	303.164	13.001

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	627877.311	10479.36	0.350	1.642	2024.64	431.261	424.181	7.080

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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_17_Vary_parameter_combinations.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	4486.888	1.095	0.003	0.024	504.630	69.431	69.414	0.017
1992	32100	4371.196	4360.940	10.256	0.032	0.235	488.154	66.474	66.318	0.156
1993	32896	4414.136	4388.075	26.062	0.079	0.590	491.442	65.944	65.555	0.389
1994	33323	4474.895	4436.164	38.731	0.116	0.866	488.625	65.617	65.049	0.568
1995	33569	4476.290	4421.119	55.171	0.164	1.233	482.855	64.387	63.593	0.794
1996	33870	4489.078	4416.967	72.111	0.213	1.606	479.723	63.582	62.560	1.021
1997	33516	4444.866	4352.441	92.425	0.276	2.079	467.113	61.948	60.660	1.288
1998	32795	4313.427	4225.135	88.292	0.269	2.047	449.682	59.145	57.935	1.211
1999	33375	4232.739	4123.777	108.961	0.326	2.574	450.521	57.137	55.666	1.471
2000	33459	4307.577	4204.930	102.647	0.307	2.383	445.090	57.302	55.936	1.365
2001	32275	4136.308	4039.773	96.535	0.299	2.334	423.792	54.312	53.045	1.268
2002	31586	4079.175	3987.043	92.132	0.292	2.259	410.041	52.955	51.759	1.196
2003	30985	4096.221	3976.203	120.018	0.387	2.930	397.934	52.607	51.066	1.541
2004	29884	4034.217	3921.270	112.947	0.378	2.800	379.513	51.233	49.798	1.434
2005	28708	3944.303	3830.348	113.955	0.397	2.889	360.189	49.488	48.058	1.430
2006	28188	3970.169	3848.033	122.136	0.433	3.076	350.253	49.332	47.814	1.518
2007	28026	3957.558	3813.866	143.692	0.513	3.631	344.449	48.640	46.874	1.766
2008	27128	3812.302	3670.802	141.500	0.522	3.712	329.444	46.297	44.578	1.718
2009	27068	3827.467	3659.745	167.722	0.620	4.382	324.637	45.904	43.893	2.012

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	82751.114	1706.389	0.272	2.020	424.421	57.058	55.905	1.153

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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	19504.324	4.106	0.012	0.021	527.418	301.804	301.741	0.064
1992	33942	19373.324	19360.230	13.094	0.039	0.068	516.166	294.616	294.417	0.199
1993	35913	20512.169	20487.890	24.278	0.068	0.118	536.514	306.437	306.074	0.363
1994	35074	19906.392	19870.646	35.746	0.102	0.180	514.300	291.893	291.369	0.524
1995	34669	19512.784	19458.278	54.506	0.157	0.279	498.677	280.671	279.887	0.784
1996	34582	19294.631	19222.286	72.345	0.209	0.375	489.808	273.283	272.258	1.025
1997	35267	19490.717	19424.568	66.149	0.188	0.339	491.517	271.643	270.721	0.922
1998	35675	19571.902	19447.258	124.644	0.349	0.637	489.172	268.368	266.659	1.709
1999	38516	21022.469	20824.033	198.436	0.515	0.944	519.919	283.777	281.099	2.679
2000	36283	19687.992	19452.134	235.857	0.650	1.198	482.656	261.900	258.763	3.138
2001	36281	19625.032	19363.695	261.336	0.720	1.332	476.394	257.690	254.258	3.432
2002	35983	19408.801	19111.339	297.461	0.827	1.533	467.122	251.960	248.098	3.862
2003	36205	19481.360	19195.503	285.857	0.790	1.467	464.974	250.195	246.524	3.671
2004	34611	18541.224	18269.290	271.934	0.786	1.467	439.544	235.465	232.012	3.453
2005	36826	19692.114	19411.239	280.875	0.763	1.426	462.043	247.070	243.546	3.524
2006	34350	18220.663	17985.632	235.031	0.684	1.290	426.820	226.403	223.482	2.920
2007	35326	18620.282	18392.547	227.735	0.645	1.223	434.168	228.849	226.050	2.799
2008	38248	20183.701	19857.918	325.783	0.852	1.614	464.487	245.112	241.156	3.956
2009	36902	19371.930	19040.772	331.158	0.897	1.709	442.580	232.335	228.363	3.972

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	387094.642	3346.331	0.470	0.857	481.512	263.774	261.513	2.261

Results for PHIM for Run 26 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN13
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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: 26, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN13

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000

Results for PHIM for Run 26 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	105.00	4.77			
5	All Ages	Current MRTP	105.00	1.16					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1998.00	22.00			14.75	123.00	6.16

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	3.00	1.01			1.33	2.00	66.67

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

Results for PHIM for Run 26 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
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	457.00	54.99					
5	25-29	Current CC	205.00	24.67	8.00	3.39			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	13.00	1.56					
5	25-29	Former	138.00	16.61			5.35	15.00	10.87
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	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.35			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	184.00	18.42			7.69	14.00	7.61
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	550.00	49.02					
5	35-39	Current CC	301.00	26.83	9.00	2.73			
5	35-39	Current MRTP	20.00	1.78					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	242.00	21.57			8.40	16.00	6.61
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	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
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	8.00	4.32			
5	45-49	Current MRTP	4.00	0.49					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.20	16.00	7.84
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	5.84			
5	50-54	Current MRTP	6.00	0.97					
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	124.00	23.18	7.00	5.47			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.06	7.00	4.52
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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	105.00	19.59	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	11.00	13.10			
5	70-74	Current MRTP	4.00	0.74					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	175.00	32.47			24.85	4.00	2.29

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	49.00	10.08	11.00	18.97			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	161.00	33.13			27.84	3.00	1.86

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	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	173.00	7.83			
10	All Ages	Current MRTP	185.00	2.03					
10	All Ages	Current Dual	130.00	1.43					
10	All Ages	Former	2031.00	22.30			16.13	126.00	6.20

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	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	14.00	1.72					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	12.00	1.48			3.67	3.00	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	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.89			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	52.00	6.16			4.29	18.00	34.62

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	423.00	50.90					
10	30-34	Current CC	186.00	22.38	13.00	5.60			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	24.00	2.89					
10	30-34	Former	176.00	21.18			8.14	21.00	11.93

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	493.00	49.35					
10	35-39	Current CC	257.00	25.73	24.00	7.97			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	205.00	20.52			10.80	10.00	4.88

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	540.00	48.13					
10	40-44	Current CC	265.00	23.62	20.00	6.47			
10	40-44	Current MRTP	29.00	2.58					
10	40-44	Current Dual	15.00	1.34					
10	40-44	Former	273.00	24.33			11.49	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	489.00	50.41					
10	45-49	Current CC	189.00	19.48	20.00	9.39			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	268.00	27.63			15.10	12.00	4.48

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	158.00	19.48	17.00	9.88			
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			14.47	13.00	5.99
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			18.31	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	114.00	21.31	9.00	7.44			
10	60-64	Current MRTP	5.00	0.93					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	162.00	30.28			18.71	3.00	1.85
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	250.00	51.23					
10	65-69	Current CC	92.00	18.85	10.00	10.10			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	139.00	28.48			23.81	2.00	1.44
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	87.00	16.23	13.00	13.00			
10	70-74	Current MRTP	10.00	1.87					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	176.00	32.84			23.67	11.00	6.25
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	26.00	30.59			
10	75-79	Current MRTP	12.00	2.23					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	174.00	32.28			27.46	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	4463.00	52.08					
15	All Ages	Current CC	1635.00	19.08	204.00	10.18			
15	All Ages	Current MRTP	214.00	2.50					
15	All Ages	Current Dual	154.00	1.80					
15	All Ages	Former	2104.00	24.55			17.04	143.00	6.80
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	569.00	69.99					
15	25-29	Current CC	150.00	18.45	2.00	0.95			
15	25-29	Current MRTP	35.00	4.31					
15	25-29	Current Dual	25.00	3.08					
15	25-29	Former	34.00	4.18			3.94	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	482.00	57.11					

Results for PHIM for Run 26 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	195.00	23.10	8.00	2.91			
15	30-34	Current MRTP	44.00	5.21					
15	30-34	Current Dual	36.00	4.27					
15	30-34	Former	87.00	10.31			5.90	18.00	20.69
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	409.00	49.22					
15	35-39	Current CC	163.00	19.61	22.00	10.23			
15	35-39	Current MRTP	27.00	3.25					
15	35-39	Current Dual	25.00	3.01					
15	35-39	Former	207.00	24.91			11.02	13.00	6.28
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	48.95					
15	40-44	Current CC	226.00	22.62	29.00	10.58			
15	40-44	Current MRTP	22.00	2.20					
15	40-44	Current Dual	26.00	2.60					
15	40-44	Former	236.00	23.62			13.39	14.00	5.93
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	540.00	48.13					
15	45-49	Current CC	231.00	20.59	25.00	9.06			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	306.00	27.27			14.41	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	489.00	50.41					
15	50-54	Current CC	165.00	17.01	28.00	14.51			
15	50-54	Current MRTP	15.00	1.55					
15	50-54	Current Dual	13.00	1.34					
15	50-54	Former	288.00	29.69			17.92	15.00	5.21
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	142.00	17.51	18.00	11.76			
15	55-59	Current MRTP	8.00	0.99					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	236.00	29.10			17.19	16.00	6.78
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	18.00	14.75			
15	60-64	Current MRTP	9.00	1.45					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.16	12.00	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	252.00	47.10					
15	65-69	Current CC	103.00	19.25	21.00	18.75			
15	65-69	Current MRTP	7.00	1.31					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	171.00	31.96			21.43	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	77.00	15.78	11.00	13.10			
15	70-74	Current MRTP	6.00	1.23					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	154.00	31.56			24.49	10.00	6.49
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	22.00	24.72			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	187.00	34.89			25.13	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	4144.00	51.58					
20	All Ages	Current CC	1395.00	17.36	220.00	12.51			

Results for PHIM for Run 26 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	219.00	2.73					
20	All Ages	Current Dual	145.00	1.80					
20	All Ages	Former	2131.00	26.52			18.39	125.00	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	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.43			
20	30-34	Current MRTP	39.00	4.80					
20	30-34	Current Dual	26.00	3.20					
20	30-34	Former	67.00	8.24			5.45	14.00	20.90
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	466.00	55.21					
20	35-39	Current CC	169.00	20.02	11.00	4.45			
20	35-39	Current MRTP	47.00	5.57					
20	35-39	Current Dual	31.00	3.67					
20	35-39	Former	131.00	15.52			7.34	27.00	20.61
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	399.00	48.01					
20	40-44	Current CC	143.00	17.21	27.00	13.57			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	27.00	3.25					
20	40-44	Former	233.00	28.04			14.03	9.00	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	489.00	48.95					
20	45-49	Current CC	208.00	20.82	31.00	12.30			
20	45-49	Current MRTP	22.00	2.20					
20	45-49	Current Dual	22.00	2.20					
20	45-49	Former	258.00	25.83			16.24	11.00	4.26
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	540.00	48.13					
20	50-54	Current CC	204.00	18.18	29.00	11.84			
20	50-54	Current MRTP	28.00	2.50					
20	50-54	Current Dual	13.00	1.16					
20	50-54	Former	337.00	30.04			16.98	18.00	5.34
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	489.00	50.41					
20	55-59	Current CC	149.00	15.36	30.00	17.14			
20	55-59	Current MRTP	13.00	1.34					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	306.00	31.55			20.69	9.00	2.94
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	122.00	15.04	25.00	17.73			
20	60-64	Current MRTP	17.00	2.10					

Results for PHIM for Run 26 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	2.00	0.25					
20	60-64	Former	248.00	30.58			20.18	13.00	5.24

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	99.00	15.94	23.00	20.18			
20	65-69	Current MRTP	11.00	1.77					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	206.00	33.17			23.22	4.00	1.94

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	89.00	16.64	22.00	22.00			
20	70-74	Current MRTP	8.00	1.50					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	183.00	34.21			24.08	10.00	5.46

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	19.00	25.00			
20	75-79	Current MRTP	5.00	1.02					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	162.00	33.20			25.61	10.00	6.17

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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	59122.873	4.988	0.003	0.008	2826.86	839.248	839.177	0.071
1992	198532	60226.142	60229.392	-3.250	-0.002	-0.005	2778.64	842.922	842.968	-0.045
1993	202512	62332.320	62332.883	-0.564	-0.000	-0.001	2793.47	859.818	859.825	-0.008
1994	200658	62691.239	62702.442	-11.203	-0.006	-0.018	2725.82	851.622	851.774	-0.152
1995	201023	63132.954	63138.353	-5.399	-0.003	-0.009	2687.54	844.043	844.115	-0.072
1996	201180	64309.880	64423.900	-114.020	-0.057	-0.177	2653.67	848.280	849.784	-1.504
1997	198639	64547.894	64670.769	-122.875	-0.062	-0.190	2583.39	839.475	841.073	-1.598
1998	197573	65384.866	65476.503	-91.637	-0.046	-0.140	2533.29	838.367	839.542	-1.175
1999	211329	67554.762	67583.229	-28.467	-0.013	-0.042	2673.14	854.513	854.874	-0.360
2000	208496	68184.366	68183.407	0.959	0.000	0.001	2604.20	851.652	851.640	0.012
2001	203606	68286.060	68166.100	119.960	0.059	0.176	2514.65	843.372	841.891	1.482
2002	200828	68983.996	68895.581	88.415	0.044	0.128	2455.47	843.450	842.369	1.081
2003	196352	68717.830	68462.599	255.231	0.130	0.371	2377.49	832.057	828.967	3.090
2004	188160	67344.952	66847.589	497.363	0.264	0.739	2254.66	806.974	801.014	5.960
2005	186416	67846.650	67200.345	646.305	0.347	0.953	2208.07	803.634	795.978	7.655
2006	180088	66622.465	65583.836	1038.629	0.577	1.559	2113.55	781.893	769.704	12.190
2007	175644	65977.201	64721.965	1255.236	0.715	1.903	2039.92	766.256	751.678	14.578
2008	177570	67121.344	65748.140	1373.204	0.773	2.046	2039.03	770.751	754.983	15.768
2009	172806	66622.993	64977.697	1645.296	0.952	2.470	1961.22	756.123	737.450	18.673

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	1295768.194	6548.170	0.168	0.503	2465.77	823.300	819.160	4.140

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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_17_Vary_parameter_combinations.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	31527.047	2.971	0.007	0.009	620.154	447.530	447.488	0.042
1992	45423	32811.446	32812.224	-0.777	-0.002	-0.002	635.738	459.227	459.238	-0.011
1993	46291	33467.735	33468.601	-0.865	-0.002	-0.003	638.542	461.657	461.669	-0.012
1994	47017	33989.389	33996.743	-7.355	-0.016	-0.022	638.697	461.725	461.825	-0.100
1995	47840	34566.580	34574.165	-7.585	-0.016	-0.022	639.587	462.131	462.232	-0.101
1996	48244	34997.958	35044.067	-46.109	-0.096	-0.132	636.363	461.641	462.249	-0.608
1997	49035	35549.658	35597.596	-47.938	-0.098	-0.135	637.723	462.340	462.963	-0.623
1998	49686	36138.033	36186.348	-48.315	-0.097	-0.134	637.076	463.363	463.983	-0.619
1999	48883	35506.142	35544.018	-37.876	-0.077	-0.107	618.331	449.124	449.603	-0.479
2000	50331	36573.306	36600.981	-27.675	-0.055	-0.076	628.656	456.816	457.162	-0.346
2001	50389	36733.445	36732.722	0.723	0.001	0.002	622.333	453.679	453.670	0.009
2002	51445	37627.700	37629.747	-2.046	-0.004	-0.005	629.005	460.065	460.090	-0.025
2003	51408	37552.784	37497.046	55.738	0.108	0.148	622.464	454.701	454.026	0.675
2004	51399	37527.823	37401.864	125.959	0.245	0.336	615.898	449.684	448.175	1.509
2005	51421	37486.186	37324.496	161.691	0.314	0.431	609.074	444.018	442.103	1.915
2006	51355	37409.496	37105.747	303.749	0.591	0.812	602.712	439.045	435.480	3.565
2007	51839	37602.867	37229.232	373.636	0.721	0.994	602.056	436.718	432.379	4.339
2008	50976	36986.957	36598.247	388.710	0.763	1.051	585.355	424.719	420.256	4.464
2009	51193	37201.944	36707.293	494.652	0.966	1.330	581.003	422.215	416.601	5.614

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	710223.552	1681.287	0.171	0.236	619.890	450.053	448.990	1.063

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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 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	12664.548	-1.568	-0.002	-0.012	1368.32	179.735	179.758	-0.022
1992	93721	12337.995	12339.606	-1.611	-0.002	-0.013	1311.71	172.682	172.705	-0.023
1993	93679	12401.934	12399.730	2.204	0.002	0.018	1292.22	171.073	171.043	0.030
1994	90832	12128.576	12123.252	5.323	0.006	0.044	1233.90	164.759	164.687	0.072
1995	89698	11958.696	11949.520	9.176	0.010	0.077	1199.20	159.879	159.757	0.123
1996	88286	12020.749	12034.212	-13.463	-0.015	-0.112	1164.54	158.560	158.737	-0.178
1997	84777	11593.724	11604.104	-10.380	-0.012	-0.090	1102.56	150.782	150.917	-0.135
1998	82517	11337.035	11320.533	16.501	0.020	0.146	1058.04	145.364	145.152	0.212
1999	93939	13027.458	12964.720	62.737	0.067	0.482	1188.25	164.787	163.993	0.794
2000	90039	12607.547	12547.153	60.394	0.067	0.479	1124.63	157.474	156.719	0.754
2001	86119	12350.451	12229.176	121.274	0.141	0.982	1063.62	152.535	151.037	1.498
2002	83014	12112.097	11993.523	118.574	0.143	0.979	1014.99	148.092	146.642	1.450
2003	79302	11683.252	11522.795	160.458	0.202	1.373	960.214	141.465	139.522	1.943
2004	73861	11139.095	10885.755	253.340	0.343	2.274	885.053	133.476	130.441	3.036
2005	71649	10884.683	10581.247	303.436	0.424	2.788	848.672	128.927	125.333	3.594
2006	67551	10397.565	9991.739	405.826	0.601	3.903	792.791	122.028	117.265	4.763
2007	63503	9785.831	9297.656	488.175	0.769	4.989	737.521	113.652	107.983	5.670
2008	63171	9922.524	9383.378	539.146	0.853	5.434	725.389	113.940	107.749	6.191
2009	59747	9483.598	8882.073	601.525	1.007	6.343	678.085	107.632	100.805	6.827

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	229361.482	3121.068	0.189	1.342	1043.56	146.971	144.998	1.973

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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_17_Vary_parameter_combinations.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	3115.625	0.390	0.001	0.013	461.369	44.228	44.222	0.006
1992	32560	3095.448	3096.064	-0.616	-0.002	-0.020	455.708	43.324	43.332	-0.009
1993	32768	3114.516	3115.557	-1.041	-0.003	-0.033	452.005	42.962	42.976	-0.014
1994	33005	3168.398	3168.885	-0.487	-0.001	-0.015	448.353	43.041	43.047	-0.007
1995	33730	3200.274	3199.461	0.813	0.002	0.025	450.946	42.785	42.775	0.011
1996	33750	3234.738	3238.043	-3.304	-0.010	-0.102	445.180	42.668	42.711	-0.044
1997	33699	3240.665	3252.698	-12.034	-0.036	-0.371	438.271	42.146	42.303	-0.157
1998	33274	3171.578	3172.309	-0.731	-0.002	-0.023	426.640	40.666	40.675	-0.009
1999	33891	3153.786	3141.143	12.643	0.037	0.401	428.694	39.893	39.733	0.160
2000	33827	3237.043	3215.866	21.177	0.063	0.654	422.514	40.432	40.168	0.265
2001	32506	3110.972	3068.806	42.166	0.130	1.355	401.468	38.422	37.902	0.521
2002	32078	3123.298	3079.769	43.529	0.136	1.394	392.210	38.188	37.656	0.532
2003	30568	3025.984	2973.528	52.456	0.172	1.734	370.127	36.640	36.004	0.635
2004	29388	2983.453	2898.522	84.931	0.289	2.847	352.147	35.750	34.732	1.018
2005	27954	2926.679	2820.744	105.935	0.379	3.620	331.111	34.666	33.411	1.255
2006	27201	2889.308	2750.002	139.306	0.512	4.821	319.236	33.909	32.275	1.635
2007	26302	2810.025	2642.965	167.060	0.635	5.945	305.470	32.636	30.695	1.940
2008	25998	2773.025	2594.100	178.925	0.688	6.452	298.534	31.843	29.788	2.055
2009	25040	2723.293	2519.540	203.753	0.814	7.482	284.186	30.907	28.595	2.312

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	60256.871	1034.872	0.166	1.688	394.195	38.747	38.093	0.654

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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	11815.653	3.194	0.012	0.027	377.015	167.754	167.709	0.045
1992	26828	11981.252	11981.499	-0.246	-0.001	-0.002	375.483	167.689	167.692	-0.003
1993	29774	13348.134	13348.995	-0.861	-0.003	-0.006	410.705	184.125	184.137	-0.012
1994	29804	13404.876	13413.561	-8.685	-0.029	-0.065	404.869	182.097	182.215	-0.118
1995	29755	13407.404	13415.207	-7.803	-0.026	-0.058	397.803	179.248	179.352	-0.104
1996	30900	14056.435	14107.578	-51.144	-0.166	-0.364	407.587	185.412	186.086	-0.675
1997	31128	14163.848	14216.371	-52.523	-0.169	-0.371	404.834	184.207	184.890	-0.683
1998	32096	14738.220	14797.313	-59.092	-0.184	-0.401	411.536	188.974	189.732	-0.758
1999	34616	15867.376	15933.347	-65.971	-0.191	-0.416	437.865	200.710	201.544	-0.834
2000	34299	15766.470	15819.407	-52.937	-0.154	-0.336	428.409	196.930	197.591	-0.661
2001	34592	16091.193	16135.396	-44.203	-0.128	-0.275	427.231	198.736	199.281	-0.546
2002	34291	16120.902	16192.543	-71.642	-0.209	-0.444	419.268	197.106	197.982	-0.876
2003	35074	16455.810	16469.230	-13.420	-0.038	-0.082	424.687	199.252	199.415	-0.162
2004	33512	15694.580	15661.447	33.133	0.099	0.211	401.564	188.063	187.666	0.397
2005	35392	16549.102	16473.858	75.243	0.213	0.455	419.213	196.022	195.130	0.891
2006	33981	15926.096	15736.349	189.748	0.558	1.191	398.807	186.912	184.685	2.227
2007	34000	15778.477	15552.112	226.365	0.666	1.435	394.875	183.251	180.622	2.629
2008	37425	17438.838	17172.415	266.423	0.712	1.528	429.749	200.249	197.190	3.059
2009	36826	17214.158	16868.792	345.366	0.938	2.006	417.948	195.368	191.449	3.920

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	295926.289	710.944	0.110	0.240	408.132	187.528	187.079	0.449

Results for PHIM for Run 27 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN14
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_17_Vary_parameter_combinations
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

		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 27 (APPENDIX_17_Vary_parameter_combinations.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		RUN14

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000

Results for PHIM for Run 27 (APPENDIX_17_Vary_parameter_combinations.RTF)

****

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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	137.00	5.08			
5	All Ages	Current MRTP	109.00	1.19					
5	All Ages	Current Dual	98.00	1.07					
5	All Ages	Former	2581.00	28.12			15.70	133.00	5.15

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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 27 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
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	527.00	55.01					
5	25-29	Current CC	281.00	29.33	3.00	0.93			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	110.00	11.48			5.15	16.00	14.55
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	487.00	45.34					
5	30-34	Current CC	356.00	33.15	9.00	2.36			
5	30-34	Current MRTP	12.00	1.12					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	206.00	19.18			6.32	25.00	12.14
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	474.00	43.77					
5	35-39	Current CC	337.00	31.12	15.00	4.20			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	252.00	23.27			7.82	17.00	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	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
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	236.00	27.47	12.00	4.72			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	297.00	34.58			13.86	10.00	3.37
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	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	140.00	26.72	10.00	6.85			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
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	114.00	22.14	15.00	11.81			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	247.00	47.96			18.90	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	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	19.00	21.11			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	252.00	56.25			23.19	7.00	2.78

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	14.00	17.07			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	209.00	58.22			24.62	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	4083.00	43.55					
10	All Ages	Current CC	2334.00	24.90	244.00	8.89			
10	All Ages	Current MRTP	239.00	2.55					
10	All Ages	Current Dual	172.00	1.83					
10	All Ages	Former	2547.00	27.17			17.66	140.00	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	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	10.00	1.12			2.90	4.00	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	244.00	26.67	5.00	1.57			
10	25-29	Current MRTP	35.00	3.83					
10	25-29	Current Dual	39.00	4.26					
10	25-29	Former	44.00	4.81			4.84	13.00	29.55

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	483.00	50.42					
10	30-34	Current CC	252.00	26.30	8.00	2.44			
10	30-34	Current MRTP	45.00	4.70					
10	30-34	Current Dual	31.00	3.24					
10	30-34	Former	147.00	15.34			7.75	18.00	12.24

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	474.00	44.13					
10	35-39	Current CC	325.00	30.26	22.00	5.96			
10	35-39	Current MRTP	26.00	2.42					
10	35-39	Current Dual	18.00	1.68					
10	35-39	Former	231.00	21.51			9.85	18.00	7.79

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	470.00	43.40					
10	40-44	Current CC	291.00	26.87	29.00	8.84			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	13.00	1.20					
10	40-44	Former	285.00	26.32			11.01	20.00	7.02

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	402.00	41.32					
10	45-49	Current CC	264.00	27.13	25.00	8.68			
10	45-49	Current MRTP	15.00	1.54					
10	45-49	Current Dual	9.00	0.92					
10	45-49	Former	283.00	29.09			15.93	12.00	4.24

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	30.00	12.15			
10	50-54	Current MRTP	17.00	1.98					
10	50-54	Current Dual	16.00	1.86					
10	50-54	Former	304.00	35.39			17.44	6.00	1.97
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	27.00	14.14			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	247.00	39.21			20.52	7.00	2.83
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	14.00	10.29			
10	60-64	Current MRTP	4.00	0.76					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	233.00	44.47			20.07	9.00	3.86
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	103.00	20.00	25.00	19.84			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	8.00	1.55					
10	65-69	Former	248.00	48.16			22.26	9.00	3.63
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	32.00	25.60			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	7.00	1.40					
10	70-74	Former	255.00	51.00			24.96	12.00	4.71
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	106.00	23.66					
10	75-79	Current CC	60.00	13.39	27.00	32.93			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	8.00	1.79					
10	75-79	Former	260.00	58.04			25.97	12.00	4.62
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	3856.00	43.19					
15	All Ages	Current CC	2070.00	23.19	313.00	11.97			
15	All Ages	Current MRTP	334.00	3.74					
15	All Ages	Current Dual	210.00	2.35					
15	All Ages	Former	2457.00	27.52			19.20	132.00	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	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	45.00	5.02					
15	25-29	Current Dual	26.00	2.90					
15	25-29	Former	32.00	3.57			3.66	10.00	31.25
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	520.00	56.83					

Results for PHIM for Run 27 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	224.00	24.48	11.00	3.40			
15	30-34	Current MRTP	56.00	6.12					
15	30-34	Current Dual	44.00	4.81					
15	30-34	Former	71.00	7.76			6.32	14.00	19.72
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	468.00	48.85					
15	35-39	Current CC	230.00	24.01	18.00	5.64			
15	35-39	Current MRTP	53.00	5.53					
15	35-39	Current Dual	36.00	3.76					
15	35-39	Former	171.00	17.85			10.60	18.00	10.53
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	472.00	43.95					
15	40-44	Current CC	287.00	26.72	29.00	8.53			
15	40-44	Current MRTP	33.00	3.07					
15	40-44	Current Dual	20.00	1.86					
15	40-44	Former	262.00	24.39			12.69	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	470.00	43.40					
15	45-49	Current CC	263.00	24.28	42.00	13.50			
15	45-49	Current MRTP	30.00	2.77					
15	45-49	Current Dual	18.00	1.66					
15	45-49	Former	302.00	27.89			14.69	12.00	3.97
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	402.00	41.32					
15	50-54	Current CC	224.00	23.02	28.00	11.16			
15	50-54	Current MRTP	19.00	1.95					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	320.00	32.89			18.13	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	41.00	17.45			
15	55-59	Current MRTP	25.00	2.91					
15	55-59	Current Dual	19.00	2.21					
15	55-59	Former	316.00	36.79			20.81	16.00	5.06
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	33.00	18.03			
15	60-64	Current MRTP	22.00	3.49					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	255.00	40.48			23.36	11.00	4.31
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	121.00	23.09	29.00	21.01			
15	65-69	Current MRTP	7.00	1.34					
15	65-69	Current Dual	10.00	1.91					
15	65-69	Former	231.00	44.08			23.43	4.00	1.73
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	141.00	27.38					
15	70-74	Current CC	91.00	17.67	35.00	27.56			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	13.00	2.52					
15	70-74	Former	247.00	47.96			25.74	8.00	3.24
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	47.00	36.15			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	11.00	2.20					
15	75-79	Former	250.00	50.00			27.72	7.00	2.80
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	3676.00	43.62					
20	All Ages	Current CC	1741.00	20.66	364.00	15.25			

Results for PHIM for Run 27 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	395.00	4.69					
20	All Ages	Current Dual	251.00	2.98					
20	All Ages	Former	2364.00	28.05			20.44	122.00	5.16

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	575.00	64.17					
20	30-34	Current CC	174.00	19.42	2.00	0.75			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	40.00	4.46					
20	30-34	Former	54.00	6.03			5.85	12.00	22.22

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	502.00	54.86					
20	35-39	Current CC	196.00	21.42	13.00	4.17			
20	35-39	Current MRTP	65.00	7.10					
20	35-39	Current Dual	51.00	5.57					
20	35-39	Former	101.00	11.04			8.00	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	459.00	47.91					
20	40-44	Current CC	209.00	21.82	27.00	8.63			
20	40-44	Current MRTP	61.00	6.37					
20	40-44	Current Dual	43.00	4.49					
20	40-44	Former	186.00	19.42			13.76	8.00	4.30

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	472.00	43.95					
20	45-49	Current CC	262.00	24.39	38.00	11.88			
20	45-49	Current MRTP	40.00	3.72					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	282.00	26.26			15.75	17.00	6.03

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	470.00	43.40					
20	50-54	Current CC	227.00	20.96	54.00	18.82			
20	50-54	Current MRTP	41.00	3.79					
20	50-54	Current Dual	19.00	1.75					
20	50-54	Former	326.00	30.10			17.49	13.00	3.99

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	402.00	41.32					
20	55-59	Current CC	200.00	20.55	40.00	16.88			
20	55-59	Current MRTP	26.00	2.67					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	334.00	34.33			21.28	9.00	2.69

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	169.00	19.67	54.00	23.68			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 27 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	24.00	2.79					
20	60-64	Former	323.00	37.60			23.61	13.00	4.02

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	128.00	20.32	43.00	25.00			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	266.00	42.22			25.17	12.00	4.51

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	104.00	19.85	42.00	31.82			
20	70-74	Current MRTP	15.00	2.86					
20	70-74	Current Dual	13.00	2.48					
20	70-74	Former	237.00	45.23			26.06	11.00	4.64

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	51.00	42.86			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	21.00	4.08					
20	75-79	Former	255.00	49.51			27.04	11.00	4.31

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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	124104.866	27.718	0.009	0.022	4845.61	1920.39	1919.96	0.429
1992	308577	122143.718	122033.963	109.756	0.036	0.090	4692.62	1857.47	1855.81	1.669
1993	311713	123269.216	123025.647	243.569	0.078	0.198	4656.77	1841.55	1837.91	3.639
1994	305700	120480.723	120147.099	333.625	0.109	0.277	4482.57	1766.64	1761.75	4.892
1995	303225	118666.569	118207.229	459.340	0.151	0.387	4361.58	1706.89	1700.29	6.607
1996	299559	116607.195	116033.541	573.654	0.191	0.492	4242.85	1651.58	1643.46	8.125
1997	294226	114665.051	114047.269	617.782	0.210	0.539	4100.64	1598.09	1589.48	8.610
1998	289258	113038.380	112304.529	733.851	0.254	0.649	3966.28	1549.97	1539.91	10.062
1999	311002	117067.463	116058.969	1008.493	0.324	0.861	4198.14	1580.27	1566.65	13.613
2000	303786	114977.407	113945.651	1031.756	0.340	0.897	4041.13	1529.49	1515.77	13.725
2001	296294	113047.319	112027.488	1019.831	0.344	0.902	3890.54	1484.39	1471.00	13.391
2002	291898	111744.742	110694.451	1050.290	0.360	0.940	3789.34	1450.64	1437.01	13.635
2003	285865	110551.854	109442.269	1109.585	0.388	1.004	3671.31	1419.80	1405.55	14.250
2004	274177	107418.262	106379.833	1038.429	0.379	0.967	3481.92	1364.16	1350.98	13.188
2005	272379	107678.770	106668.919	1009.851	0.371	0.938	3417.44	1351.01	1338.34	12.670
2006	264118	104357.806	103448.637	909.169	0.344	0.871	3281.83	1296.71	1285.41	11.297
2007	258419	102690.449	101781.475	908.974	0.352	0.885	3176.05	1262.10	1250.93	11.172
2008	259461	103492.166	102374.831	1117.336	0.431	1.080	3150.91	1256.82	1243.25	13.569
2009	253907	101384.044	100176.788	1207.256	0.475	1.191	3045.20	1215.94	1201.46	14.479

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	2258733.413	14510.27	0.250	0.638	3927.78	1535.76	1525.96	9.803

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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_17_Vary_parameter_combinations.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	63060.170	8.616	0.011	0.014	1213.84	975.702	975.569	0.133
1992	77987	62535.347	62509.622	25.726	0.033	0.041	1185.97	950.993	950.602	0.391
1993	78542	62883.111	62832.643	50.468	0.064	0.080	1173.36	939.428	938.674	0.754
1994	77437	61805.804	61733.771	72.033	0.093	0.117	1135.48	906.276	905.220	1.056
1995	76904	61145.799	61046.023	99.776	0.130	0.163	1106.18	879.519	878.083	1.435
1996	76232	60385.323	60261.549	123.774	0.162	0.205	1079.72	855.277	853.524	1.753
1997	75473	59549.806	59430.772	119.033	0.158	0.200	1051.87	829.947	828.288	1.659
1998	75381	59292.315	59118.949	173.365	0.230	0.292	1033.62	813.010	810.633	2.377
1999	73159	57398.351	57174.864	223.488	0.305	0.389	987.557	774.807	771.790	3.017
2000	73784	57716.549	57457.108	259.440	0.352	0.450	981.515	767.777	764.326	3.451
2001	73294	57211.877	56945.138	266.739	0.364	0.466	962.399	751.230	747.728	3.502
2002	72442	56438.810	56155.020	283.790	0.392	0.503	940.422	732.673	728.989	3.684
2003	71942	55948.341	55675.143	273.198	0.380	0.488	923.937	718.533	715.025	3.509
2004	71301	55339.218	55071.383	267.836	0.376	0.484	905.490	702.783	699.381	3.401
2005	70964	54964.459	54720.303	244.156	0.344	0.444	890.360	689.620	686.556	3.063
2006	69658	53781.526	53573.886	207.640	0.298	0.386	865.543	668.268	665.688	2.580
2007	68565	52784.985	52595.804	189.180	0.276	0.358	842.687	648.745	646.420	2.325
2008	68226	52470.692	52216.945	253.747	0.372	0.484	828.542	637.208	634.127	3.082
2009	67509	51823.021	51551.520	271.501	0.402	0.524	809.661	621.533	618.277	3.256

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	1156575.022	3413.507	0.231	0.294	997.213	783.665	781.359	2.306

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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 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	37053.484	13.900	0.008	0.037	2599.72	573.449	573.234	0.215
1992	164548	35863.851	35801.522	62.329	0.038	0.174	2502.33	545.392	544.444	0.948
1993	164362	35459.800	35313.705	146.096	0.089	0.412	2455.45	529.744	527.561	2.183
1994	159866	34293.631	34100.105	193.526	0.121	0.564	2344.16	502.857	500.020	2.838
1995	158083	33531.695	33271.395	260.299	0.165	0.776	2273.86	482.318	478.574	3.744
1996	154875	32438.163	32119.450	318.713	0.206	0.983	2193.60	459.443	454.929	4.514
1997	149970	31179.663	30823.176	356.487	0.238	1.143	2090.14	434.552	429.583	4.968
1998	145407	29860.736	29485.566	375.171	0.258	1.256	1993.81	409.447	404.303	5.144
1999	165952	34413.904	33895.221	518.683	0.313	1.507	2240.15	464.545	457.544	7.002
2000	160260	33265.290	32780.662	484.628	0.302	1.457	2131.87	442.513	436.066	6.447
2001	154444	32074.102	31608.735	465.367	0.301	1.451	2027.95	421.154	415.044	6.111
2002	151887	31817.956	31359.498	458.458	0.302	1.441	1971.76	413.052	407.101	5.952
2003	146733	31025.931	30493.669	532.262	0.363	1.716	1884.46	398.460	391.624	6.836
2004	138381	29503.602	29010.133	493.469	0.357	1.673	1757.38	374.682	368.415	6.267
2005	135881	29077.894	28584.467	493.427	0.363	1.697	1704.85	364.830	358.639	6.191
2006	131922	28385.448	27905.161	480.286	0.364	1.692	1639.21	352.707	346.739	5.968
2007	126502	27327.625	26815.014	512.612	0.405	1.876	1554.75	335.866	329.565	6.300
2008	125859	27025.472	26444.687	580.785	0.461	2.149	1528.44	328.199	321.146	7.053
2009	122428	26361.626	25726.647	634.978	0.519	2.409	1468.33	316.165	308.550	7.616

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	630975.195	7381.477	0.246	1.156	2024.64	431.261	426.274	4.987

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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_17_Vary_parameter_combinations.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	4486.888	1.095	0.003	0.024	504.630	69.431	69.414	0.017
1992	32100	4371.196	4361.591	9.605	0.030	0.220	488.154	66.474	66.328	0.146
1993	32896	4414.136	4389.408	24.728	0.075	0.560	491.442	65.944	65.575	0.369
1994	33323	4474.895	4438.621	36.274	0.109	0.811	488.625	65.617	65.085	0.532
1995	33569	4476.290	4424.569	51.722	0.154	1.155	482.855	64.387	63.643	0.744
1996	33870	4489.078	4421.902	67.176	0.198	1.496	479.723	63.582	62.630	0.951
1997	33516	4444.866	4359.208	85.659	0.256	1.927	467.113	61.948	60.754	1.194
1998	32795	4313.427	4236.186	77.241	0.236	1.791	449.682	59.145	58.086	1.059
1999	33375	4232.739	4138.172	94.566	0.283	2.234	450.521	57.137	55.860	1.277
2000	33459	4307.577	4223.397	84.181	0.252	1.954	445.090	57.302	56.182	1.120
2001	32275	4136.308	4064.877	71.432	0.221	1.727	423.792	54.312	53.375	0.938
2002	31586	4079.175	4018.141	61.034	0.193	1.496	410.041	52.955	52.162	0.792
2003	30985	4096.221	4013.401	82.820	0.267	2.022	397.934	52.607	51.543	1.064
2004	29884	4034.217	3963.332	70.885	0.237	1.757	379.513	51.233	50.333	0.900
2005	28708	3944.303	3877.544	66.759	0.233	1.693	360.189	49.488	48.650	0.838
2006	28188	3970.169	3901.087	69.082	0.245	1.740	350.253	49.332	48.473	0.858
2007	28026	3957.558	3875.838	81.719	0.292	2.065	344.449	48.640	47.635	1.004
2008	27128	3812.302	3737.218	75.084	0.277	1.970	329.444	46.297	45.385	0.912
2009	27068	3827.467	3733.782	93.685	0.346	2.448	324.637	45.904	44.781	1.124

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	628232	84457.504	83252.756	1204.748	0.192	1.426	424.421	57.058	56.244	0.814

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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	19504.324	4.106	0.012	0.021	527.418	301.804	301.741	0.064
1992	33942	19373.324	19361.229	12.095	0.036	0.062	516.166	294.616	294.432	0.184
1993	35913	20512.169	20489.892	22.277	0.062	0.109	536.514	306.437	306.104	0.333
1994	35074	19906.392	19874.601	31.792	0.091	0.160	514.300	291.893	291.427	0.466
1995	34669	19512.784	19465.241	47.543	0.137	0.244	498.677	280.671	279.987	0.684
1996	34582	19294.631	19230.640	63.990	0.185	0.332	489.808	273.283	272.376	0.906
1997	35267	19490.717	19434.113	56.603	0.160	0.290	491.517	271.643	270.854	0.789
1998	35675	19571.902	19463.828	108.074	0.303	0.552	489.172	268.368	266.886	1.482
1999	38516	21022.469	20850.712	171.756	0.446	0.817	519.919	283.777	281.459	2.318
2000	36283	19687.992	19484.485	203.507	0.561	1.034	482.656	261.900	259.193	2.707
2001	36281	19625.032	19408.738	216.294	0.596	1.102	476.394	257.690	254.850	2.840
2002	35983	19408.801	19161.792	247.009	0.686	1.273	467.122	251.960	248.753	3.207
2003	36205	19481.360	19260.055	221.305	0.611	1.136	464.974	250.195	247.353	2.842
2004	34611	18541.224	18334.986	206.239	0.596	1.112	439.544	235.465	232.846	2.619
2005	36826	19692.114	19486.604	205.510	0.558	1.044	462.043	247.070	244.492	2.578
2006	34350	18220.663	18068.502	152.161	0.443	0.835	426.820	226.403	224.512	1.891
2007	35326	18620.282	18494.819	125.463	0.355	0.674	434.168	228.849	227.307	1.542
2008	38248	20183.701	19975.981	207.720	0.543	1.029	464.487	245.112	242.590	2.523
2009	36902	19371.930	19164.838	207.091	0.561	1.069	442.580	232.335	229.851	2.484

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	387930.440	2510.533	0.352	0.643	481.512	263.774	262.078	1.696

Results for PHIM for Run 28 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN14
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN14

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000

Results for PHIM for Run 28 (APPENDIX_17_Vary_parameter_combinations.RTF)

****

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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	117.00	5.28			
5	All Ages	Current MRTP	116.00	1.28					
5	All Ages	Current Dual	76.00	0.84					
5	All Ages	Former	1980.00	21.81			14.87	111.00	5.61

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	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
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 28 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
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	457.00	54.99					
5	25-29	Current CC	205.00	24.67	10.00	4.18			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	135.00	16.25			5.44	13.00	9.63
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	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.33			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	10.00	1.00					
5	30-34	Former	183.00	18.32			7.72	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	550.00	49.02					
5	35-39	Current CC	301.00	26.83	11.00	3.30			
5	35-39	Current MRTP	22.00	1.96					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	239.00	21.30			8.50	14.00	5.86
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	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
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	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
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	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			15.16	6.00	3.90
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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	105.00	19.59	13.00	11.40			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	162.00	30.22			21.57	7.00	4.32
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	14.00	16.09			
5	70-74	Current MRTP	7.00	1.30					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	172.00	31.91			25.27	2.00	1.16

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	267.00	54.94					
5	75-79	Current CC	49.00	10.08	12.00	20.34			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.01	2.00	1.25

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	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	198.00	8.70			
10	All Ages	Current MRTP	222.00	2.44					
10	All Ages	Current Dual	160.00	1.76					
10	All Ages	Former	1964.00	21.56			16.59	97.00	4.94

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	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	18.00	2.21					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	8.00	0.98			3.88	2.00	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	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.84			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	30.00	3.55					
10	25-29	Former	45.00	5.33			4.87	11.00	24.44

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	423.00	50.90					
10	30-34	Current CC	185.00	22.26	15.00	6.05			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	32.00	3.85					
10	30-34	Former	160.00	19.25			8.75	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	493.00	49.35					
10	35-39	Current CC	257.00	25.73	27.00	8.68			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	25.00	2.50					
10	35-39	Former	195.00	19.52			11.22	7.00	3.59

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	540.00	48.13					
10	40-44	Current CC	265.00	23.62	22.00	7.01			
10	40-44	Current MRTP	32.00	2.85					
10	40-44	Current Dual	17.00	1.52					
10	40-44	Former	268.00	23.89			11.64	15.00	5.60

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	489.00	50.41					
10	45-49	Current CC	189.00	19.48	21.00	9.77			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	266.00	27.42			15.21	11.00	4.14

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 28 (APPENDIX_17_Vary_parameter_combinations.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	129.00	20.77	16.00	11.03			
10	55-59	Current MRTP	11.00	1.77					
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	114.00	21.31	11.00	8.87			
10	60-64	Current MRTP	6.00	1.12					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	159.00	29.72			18.99	3.00	1.89
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	92.00	18.85	12.00	11.88			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	137.00	28.07			24.10	2.00	1.46
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	87.00	16.23	18.00	17.14			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	7.00	1.31					
10	70-74	Former	171.00	31.90			24.25	9.00	5.26
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	31.00	34.44			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	8.00	1.48					
10	75-79	Former	169.00	31.35			28.16	8.00	4.73
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	4463.00	52.08					
15	All Ages	Current CC	1637.00	19.10	248.00	11.65			
15	All Ages	Current MRTP	289.00	3.37					
15	All Ages	Current Dual	203.00	2.37					
15	All Ages	Former	1978.00	23.08			17.83	115.00	5.81
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	569.00	69.99					
15	25-29	Current CC	150.00	18.45	1.00	0.45			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	23.00	2.83			3.74	11.00	47.83
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	482.00	57.11					

Results for PHIM for Run 28 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	196.00	23.22	8.00	2.74			
15	30-34	Current MRTP	52.00	6.16					
15	30-34	Current Dual	44.00	5.21					
15	30-34	Former	70.00	8.29			6.50	14.00	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	409.00	49.22					
15	35-39	Current CC	163.00	19.61	25.00	10.64			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	35.00	4.21					
15	35-39	Former	187.00	22.50			11.59	8.00	4.28
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	48.95					
15	40-44	Current CC	226.00	22.62	36.00	12.24			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	32.00	3.20					
15	40-44	Former	216.00	21.62			14.18	10.00	4.63
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	540.00	48.13					
15	45-49	Current CC	231.00	20.59	30.00	10.27			
15	45-49	Current MRTP	40.00	3.57					
15	45-49	Current Dual	21.00	1.87					
15	45-49	Former	290.00	25.85			14.94	12.00	4.14
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	489.00	50.41					
15	50-54	Current CC	165.00	17.01	31.00	15.66			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	14.00	1.44					
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	15.85			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	225.00	27.74			17.80	12.00	5.33
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	109.00	17.55	19.00	14.96			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	193.00	31.08			20.61	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	103.00	19.25	24.00	20.69			
15	65-69	Current MRTP	10.00	1.87					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
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	19.78			
15	70-74	Current MRTP	10.00	2.05					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	147.00	30.12			25.52	5.00	3.40
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	260.00	48.51					
15	75-79	Current CC	74.00	13.81	30.00	30.30			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	10.00	1.87					
15	75-79	Former	177.00	33.02			26.24	12.00	6.78
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	4144.00	51.58					
20	All Ages	Current CC	1394.00	17.35	279.00	14.37			

Results for PHIM for Run 28 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	324.00	4.03					
20	All Ages	Current Dual	224.00	2.79					
20	All Ages	Former	1948.00	24.25			19.50	93.00	4.77

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	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.28			
20	30-34	Current MRTP	54.00	6.64					
20	30-34	Current Dual	36.00	4.43					
20	30-34	Former	42.00	5.17			5.64	8.00	19.05

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	466.00	55.21					
20	35-39	Current CC	169.00	20.02	12.00	4.32			
20	35-39	Current MRTP	61.00	7.23					
20	35-39	Current Dual	48.00	5.69					
20	35-39	Former	100.00	11.85			8.10	18.00	18.00

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	399.00	48.01					
20	40-44	Current CC	143.00	17.21	30.00	13.39			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	41.00	4.93					
20	40-44	Former	208.00	25.03			14.70	5.00	2.40

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	48.95					
20	45-49	Current CC	208.00	20.82	41.00	14.64			
20	45-49	Current MRTP	39.00	3.90					
20	45-49	Current Dual	33.00	3.30					
20	45-49	Former	230.00	23.02			17.32	6.00	2.61

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	540.00	48.13					
20	50-54	Current CC	203.00	18.09	39.00	14.34			
20	50-54	Current MRTP	44.00	3.92					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	310.00	27.63			17.88	13.00	4.19

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	489.00	50.41					
20	55-59	Current CC	149.00	15.36	36.00	19.67			
20	55-59	Current MRTP	20.00	2.06					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	298.00	30.72			21.08	9.00	3.02

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	122.00	15.04	37.00	23.57			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 28 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	232.00	28.61			21.06	10.00	4.31

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	99.00	15.94	27.00	22.13			
20	65-69	Current MRTP	15.00	2.42					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	198.00	31.88			23.88	5.00	2.53

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	89.00	16.64	28.00	26.17			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	176.00	32.90			24.77	8.00	4.55

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	26.00	30.95			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	154.00	31.56			26.59	11.00	7.14

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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	59122.873	4.988	0.003	0.008	2826.86	839.248	839.177	0.071
1992	198532	60226.142	60229.392	-3.250	-0.002	-0.005	2778.64	842.922	842.968	-0.045
1993	202512	62332.320	62337.286	-4.966	-0.002	-0.008	2793.47	859.818	859.886	-0.069
1994	200658	62691.239	62716.534	-25.295	-0.013	-0.040	2725.82	851.622	851.966	-0.344
1995	201023	63132.954	63166.908	-33.953	-0.017	-0.054	2687.54	844.043	844.497	-0.454
1996	201180	64309.880	64480.434	-170.553	-0.085	-0.265	2653.67	848.280	850.530	-2.250
1997	198639	64547.894	64755.866	-207.973	-0.105	-0.322	2583.39	839.475	842.180	-2.705
1998	197573	65384.866	65587.695	-202.829	-0.103	-0.310	2533.29	838.367	840.968	-2.601
1999	211329	67554.762	67722.334	-167.572	-0.079	-0.248	2673.14	854.513	856.633	-2.120
2000	208496	68184.366	68345.914	-161.548	-0.077	-0.237	2604.20	851.652	853.669	-2.018
2001	203606	68286.060	68347.633	-61.573	-0.030	-0.090	2514.65	843.372	844.133	-0.760
2002	200828	68983.996	69121.157	-137.161	-0.068	-0.199	2455.47	843.450	845.127	-1.677
2003	196352	68717.830	68726.335	-8.504	-0.004	-0.012	2377.49	832.057	832.160	-0.103
2004	188160	67344.952	67140.616	204.336	0.109	0.303	2254.66	806.974	804.525	2.448
2005	186416	67846.650	67531.001	315.649	0.169	0.465	2208.07	803.634	799.895	3.739
2006	180088	66622.465	65925.645	696.820	0.387	1.046	2113.55	781.893	773.715	8.178
2007	175644	65977.201	65130.799	846.402	0.482	1.283	2039.92	766.256	756.426	9.830
2008	177570	67121.344	66211.913	909.431	0.512	1.355	2039.03	770.751	760.308	10.443
2009	172806	66622.993	65486.313	1136.680	0.658	1.706	1961.22	756.123	743.222	12.900

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	1299387.236	2929.129	0.075	0.225	2465.77	823.300	821.448	1.852

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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_17_Vary_parameter_combinations.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	31527.047	2.971	0.007	0.009	620.154	447.530	447.488	0.042
1992	45423	32811.446	32812.224	-0.777	-0.002	-0.002	635.738	459.227	459.238	-0.011
1993	46291	33467.735	33469.774	-2.038	-0.004	-0.006	638.542	461.657	461.685	-0.028
1994	47017	33989.389	34000.562	-11.173	-0.024	-0.033	638.697	461.725	461.877	-0.152
1995	47840	34566.580	34581.856	-15.276	-0.032	-0.044	639.587	462.131	462.335	-0.204
1996	48244	34997.958	35059.500	-61.543	-0.128	-0.176	636.363	461.641	462.453	-0.812
1997	49035	35549.658	35621.809	-72.151	-0.147	-0.203	637.723	462.340	463.278	-0.938
1998	49686	36138.033	36217.941	-79.907	-0.161	-0.221	637.076	463.363	464.388	-1.025
1999	48883	35506.142	35580.000	-73.858	-0.151	-0.208	618.331	449.124	450.058	-0.934
2000	50331	36573.306	36643.571	-70.265	-0.140	-0.192	628.656	456.816	457.694	-0.878
2001	50389	36733.445	36782.147	-48.702	-0.097	-0.133	622.333	453.679	454.281	-0.602
2002	51445	37627.700	37689.470	-61.770	-0.120	-0.164	629.005	460.065	460.820	-0.755
2003	51408	37552.784	37568.399	-15.615	-0.030	-0.042	622.464	454.701	454.890	-0.189
2004	51399	37527.823	37483.680	44.143	0.086	0.118	615.898	449.684	449.155	0.529
2005	51421	37486.186	37418.366	67.820	0.132	0.181	609.074	444.018	443.215	0.803
2006	51355	37409.496	37201.806	207.690	0.404	0.555	602.712	439.045	436.607	2.437
2007	51839	37602.867	37350.644	252.224	0.487	0.671	602.056	436.718	433.789	2.929
2008	50976	36986.957	36730.962	255.995	0.502	0.692	585.355	424.719	421.780	2.940
2009	51193	37201.944	36857.280	344.665	0.673	0.926	581.003	422.215	418.303	3.912

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	711242.409	662.430	0.068	0.093	619.890	450.053	449.634	0.419

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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	12664.548	-1.568	-0.002	-0.012	1368.32	179.735	179.758	-0.022
1992	93721	12337.995	12339.606	-1.611	-0.002	-0.013	1311.71	172.682	172.705	-0.023
1993	93679	12401.934	12401.423	0.511	0.001	0.004	1292.22	171.073	171.066	0.007
1994	90832	12128.576	12128.893	-0.318	-0.000	-0.003	1233.90	164.759	164.764	-0.004
1995	89698	11958.696	11960.797	-2.101	-0.002	-0.018	1199.20	159.879	159.907	-0.028
1996	88286	12020.749	12054.931	-34.181	-0.039	-0.284	1164.54	158.560	159.011	-0.451
1997	84777	11593.724	11633.833	-40.109	-0.047	-0.346	1102.56	150.782	151.303	-0.522
1998	82517	11337.035	11359.267	-22.232	-0.027	-0.196	1058.04	145.364	145.649	-0.285
1999	93939	13027.458	13018.532	8.925	0.010	0.069	1188.25	164.787	164.674	0.113
2000	90039	12607.547	12610.388	-2.841	-0.003	-0.023	1124.63	157.474	157.509	-0.035
2001	86119	12350.451	12298.099	52.352	0.061	0.424	1063.62	152.535	151.889	0.647
2002	83014	12112.097	12080.793	31.304	0.038	0.258	1014.99	148.092	147.709	0.383
2003	79302	11683.252	11624.324	58.928	0.074	0.504	960.214	141.465	140.751	0.714
2004	73861	11139.095	10997.570	141.525	0.192	1.271	885.053	133.476	131.780	1.696
2005	71649	10884.683	10703.806	180.877	0.252	1.662	848.672	128.927	126.785	2.142
2006	67551	10397.565	10126.582	270.983	0.401	2.606	792.791	122.028	118.847	3.180
2007	63503	9785.831	9449.329	336.502	0.530	3.439	737.521	113.652	109.744	3.908
2008	63171	9922.524	9558.993	363.531	0.575	3.664	725.389	113.940	109.765	4.174
2009	59747	9483.598	9070.953	412.644	0.691	4.351	678.085	107.632	102.949	4.683

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	230729.428	1753.121	0.106	0.754	1043.56	146.971	145.863	1.108

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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_17_Vary_parameter_combinations.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	3115.625	0.390	0.001	0.013	461.369	44.228	44.222	0.006
1992	32560	3095.448	3096.064	-0.616	-0.002	-0.020	455.708	43.324	43.332	-0.009
1993	32768	3114.516	3116.222	-1.706	-0.005	-0.055	452.005	42.962	42.985	-0.024
1994	33005	3168.398	3170.775	-2.377	-0.007	-0.075	448.353	43.041	43.073	-0.032
1995	33730	3200.274	3203.531	-3.257	-0.010	-0.102	450.946	42.785	42.829	-0.044
1996	33750	3234.738	3245.410	-10.672	-0.032	-0.330	445.180	42.668	42.809	-0.141
1997	33699	3240.665	3263.595	-22.930	-0.068	-0.708	438.271	42.146	42.445	-0.298
1998	33274	3171.578	3185.907	-14.329	-0.043	-0.452	426.640	40.666	40.850	-0.184
1999	33891	3153.786	3157.823	-4.037	-0.012	-0.128	428.694	39.893	39.944	-0.051
2000	33827	3237.043	3236.180	0.863	0.003	0.027	422.514	40.432	40.421	0.011
2001	32506	3110.972	3088.145	22.826	0.070	0.734	401.468	38.422	38.140	0.282
2002	32078	3123.298	3105.892	17.405	0.054	0.557	392.210	38.188	37.975	0.213
2003	30568	3025.984	3002.699	23.285	0.076	0.769	370.127	36.640	36.358	0.282
2004	29388	2983.453	2931.773	51.680	0.176	1.732	352.147	35.750	35.131	0.619
2005	27954	2926.679	2857.160	69.519	0.249	2.375	331.111	34.666	33.843	0.823
2006	27201	2889.308	2792.645	96.663	0.355	3.346	319.236	33.909	32.775	1.134
2007	26302	2810.025	2690.167	119.858	0.456	4.265	305.470	32.636	31.243	1.392
2008	25998	2773.025	2647.091	125.933	0.484	4.541	298.534	31.843	30.396	1.446
2009	25040	2723.293	2578.512	144.781	0.578	5.316	284.186	30.907	29.264	1.643

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	60678.461	613.282	0.098	1.001	394.195	38.747	38.360	0.388

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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	11815.653	3.194	0.012	0.027	377.015	167.754	167.709	0.045
1992	26828	11981.252	11981.499	-0.246	-0.001	-0.002	375.483	167.689	167.692	-0.003
1993	29774	13348.134	13349.867	-1.733	-0.006	-0.013	410.705	184.125	184.149	-0.024
1994	29804	13404.876	13416.304	-11.427	-0.038	-0.085	404.869	182.097	182.252	-0.155
1995	29755	13407.404	13420.724	-13.320	-0.045	-0.099	397.803	179.248	179.426	-0.178
1996	30900	14056.435	14120.592	-64.157	-0.208	-0.456	407.587	185.412	186.258	-0.846
1997	31128	14163.848	14236.629	-72.781	-0.234	-0.514	404.834	184.207	185.154	-0.947
1998	32096	14738.220	14824.581	-86.361	-0.269	-0.586	411.536	188.974	190.081	-1.107
1999	34616	15867.376	15965.979	-98.603	-0.285	-0.621	437.865	200.710	201.957	-1.247
2000	34299	15766.470	15855.775	-89.305	-0.260	-0.566	428.409	196.930	198.045	-1.115
2001	34592	16091.193	16179.241	-88.048	-0.255	-0.547	427.231	198.736	199.823	-1.087
2002	34291	16120.902	16245.001	-124.100	-0.362	-0.770	419.268	197.106	198.624	-1.517
2003	35074	16455.810	16530.912	-75.102	-0.214	-0.456	424.687	199.252	200.162	-0.909
2004	33512	15694.580	15727.591	-33.011	-0.099	-0.210	401.564	188.063	188.459	-0.396
2005	35392	16549.102	16551.668	-2.567	-0.007	-0.016	419.213	196.022	196.052	-0.030
2006	33981	15926.096	15804.612	121.484	0.358	0.763	398.807	186.912	185.486	1.426
2007	34000	15778.477	15640.660	137.818	0.405	0.873	394.875	183.251	181.650	1.601
2008	37425	17438.838	17274.866	163.972	0.438	0.940	429.749	200.249	198.366	1.883
2009	36826	17214.158	16979.568	234.590	0.637	1.363	417.948	195.368	192.706	2.662

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	296736.937	-99.704	-0.015	-0.034	408.132	187.528	187.592	-0.063

Results for PHIM for Run 29 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN15
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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: 29, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN15

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000

Results for PHIM for Run 29 (APPENDIX_17_Vary_parameter_combinations.RTF)

****

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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2504.00	27.29	128.00	4.78			
5	All Ages	Current MRTP	91.00	0.99					
5	All Ages	Current Dual	84.00	0.92					
5	All Ages	Former	2598.00	28.31			15.60	144.00	5.54

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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 29 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	9.00	0.98					
5	20-24	Former	28.00	3.06			2.79	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	527.00	55.01					
5	25-29	Current CC	286.00	29.85	3.00	0.94			
5	25-29	Current MRTP	16.00	1.67					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	113.00	11.80			5.02	19.00	16.81
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	487.00	45.34					
5	30-34	Current CC	357.00	33.24	8.00	2.12			
5	30-34	Current MRTP	10.00	0.93					
5	30-34	Current Dual	11.00	1.02					
5	30-34	Former	209.00	19.46			6.24	28.00	13.40
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	474.00	43.77					
5	35-39	Current CC	338.00	31.21	14.00	3.93			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
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	402.00	41.32					
5	40-44	Current CC	288.00	29.60	13.00	4.32			
5	40-44	Current MRTP	6.00	0.62					
5	40-44	Current Dual	7.00	0.72					
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	4.33			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	9.00	1.05					
5	45-49	Former	297.00	34.58			13.87	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	196.00	31.11	14.00	6.86			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	234.00	37.14			17.41	8.00	3.42
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	9.00	6.16			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	223.00	42.56			16.88	13.00	5.83
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	114.00	22.14	13.00	10.48			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	4.00	0.78					
5	60-64	Former	250.00	48.54			18.68	7.00	2.80
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	13.00	10.48			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	256.00	51.20			22.18	8.00	3.13
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_17_Vary_parameter_combinations.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	18.00	20.22			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	253.00	56.47			23.10	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	75.00	20.89	12.00	15.19			
5	75-79	Current MRTP	1.00	0.28					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	212.00	59.05			24.30	6.00	2.83

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	4083.00	43.55					
10	All Ages	Current CC	2380.00	25.39	202.00	7.56			
10	All Ages	Current MRTP	180.00	1.92					
10	All Ages	Current Dual	111.00	1.18					
10	All Ages	Former	2621.00	27.96			17.23	173.00	6.60

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	679.00	75.78					
10	20-24	Current CC	178.00	19.87	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	11.00	1.23			2.82	4.00	36.36

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	1.62			
10	25-29	Current MRTP	31.00	3.39					
10	25-29	Current Dual	28.00	3.06					
10	25-29	Former	54.00	5.90			4.50	16.00	29.63

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	483.00	50.42					
10	30-34	Current CC	264.00	27.56	6.00	1.90			
10	30-34	Current MRTP	32.00	3.34					
10	30-34	Current Dual	20.00	2.09					
10	30-34	Former	159.00	16.60			7.35	21.00	13.21

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	474.00	44.13					
10	35-39	Current CC	331.00	30.82	21.00	5.75			
10	35-39	Current MRTP	21.00	1.96					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	235.00	21.88			9.77	18.00	7.66

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	470.00	43.40					
10	40-44	Current CC	294.00	27.15	22.00	6.98			
10	40-44	Current MRTP	16.00	1.48					
10	40-44	Current Dual	5.00	0.46					
10	40-44	Former	298.00	27.52			10.59	28.00	9.40

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	402.00	41.32					
10	45-49	Current CC	270.00	27.75	25.00	8.68			
10	45-49	Current MRTP	11.00	1.13					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	283.00	29.09			15.89	16.00	5.65

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 29 (APPENDIX_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	217.00	25.26	25.00	10.33			
10	50-54	Current MRTP	15.00	1.75					
10	50-54	Current Dual	10.00	1.16					
10	50-54	Former	309.00	35.97			17.19	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	172.00	27.30	22.00	11.89			
10	55-59	Current MRTP	10.00	1.59					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	253.00	40.16			20.07	11.00	4.35
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	13.00	9.56			
10	60-64	Current MRTP	1.00	0.19					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	233.00	44.47			20.09	9.00	3.86
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	104.00	20.19	17.00	14.78			
10	65-69	Current MRTP	8.00	1.55					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	259.00	50.29			21.45	11.00	4.25
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	30.00	24.19			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	256.00	51.20			24.84	14.00	5.47
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	16.00	22.54			
10	75-79	Current MRTP	8.00	1.79					
10	75-79	Current Dual	2.00	0.45					
10	75-79	Former	271.00	60.49			24.99	16.00	5.90
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	3856.00	43.19					
15	All Ages	Current CC	2155.00	24.14	269.00	10.72			
15	All Ages	Current MRTP	229.00	2.57					
15	All Ages	Current Dual	125.00	1.40					
15	All Ages	Former	2562.00	28.70			18.61	152.00	5.93
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	608.00	67.86					
15	25-29	Current CC	193.00	21.54	0.00	0.00			
15	25-29	Current MRTP	38.00	4.24					
15	25-29	Current Dual	19.00	2.12					
15	25-29	Former	38.00	4.24			3.39	13.00	34.21
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	520.00	56.83					

Results for PHIM for Run 29 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	235.00	25.68	9.00	2.96			
15	30-34	Current MRTP	41.00	4.48					
15	30-34	Current Dual	28.00	3.06					
15	30-34	Former	91.00	9.95			5.87	21.00	23.08
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	468.00	48.85					
15	35-39	Current CC	245.00	25.57	16.00	5.30			
15	35-39	Current MRTP	35.00	3.65					
15	35-39	Current Dual	22.00	2.30					
15	35-39	Former	188.00	19.62			10.11	20.00	10.64
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	472.00	43.95					
15	40-44	Current CC	297.00	27.65	28.00	8.36			
15	40-44	Current MRTP	25.00	2.33					
15	40-44	Current Dual	13.00	1.21					
15	40-44	Former	267.00	24.86			12.62	15.00	5.62
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	470.00	43.40					
15	45-49	Current CC	271.00	25.02	31.00	10.54			
15	45-49	Current MRTP	19.00	1.75					
15	45-49	Current Dual	4.00	0.37					
15	45-49	Former	319.00	29.46			14.17	14.00	4.39
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	402.00	41.32					
15	50-54	Current CC	231.00	23.74	33.00	12.94			
15	50-54	Current MRTP	16.00	1.64					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	316.00	32.48			18.28	15.00	4.75
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	198.00	23.05	32.00	14.41			
15	55-59	Current MRTP	15.00	1.75					
15	55-59	Current Dual	9.00	1.05					
15	55-59	Former	329.00	38.30			20.16	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	161.00	25.56	30.00	16.95			
15	60-64	Current MRTP	13.00	2.06					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	261.00	41.43			22.97	11.00	4.21
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	127.00	24.24	28.00	20.44			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	7.00	1.34					
15	65-69	Former	232.00	44.27			23.36	5.00	2.16
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	95.00	18.45	24.00	21.24			
15	70-74	Current MRTP	11.00	2.14					
15	70-74	Current Dual	7.00	1.36					
15	70-74	Former	261.00	50.68			24.74	8.00	3.07
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	102.00	20.40	38.00	31.67			
15	75-79	Current MRTP	13.00	2.60					
15	75-79	Current Dual	5.00	1.00					
15	75-79	Former	260.00	52.00			26.73	12.00	4.62
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	3676.00	43.62					
20	All Ages	Current CC	1868.00	22.17	300.00	13.52			

Results for PHIM for Run 29 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	232.00	2.75					
20	All Ages	Current Dual	119.00	1.41					
20	All Ages	Former	2532.00	30.05			19.50	159.00	6.28

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	575.00	64.17					
20	30-34	Current CC	190.00	21.21	3.00	1.20			
20	30-34	Current MRTP	39.00	4.35					
20	30-34	Current Dual	20.00	2.23					
20	30-34	Former	72.00	8.04			5.29	16.00	22.22

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	502.00	54.86					
20	35-39	Current CC	220.00	24.04	14.00	4.86			
20	35-39	Current MRTP	44.00	4.81					
20	35-39	Current Dual	24.00	2.62					
20	35-39	Former	125.00	13.66			8.04	15.00	12.00

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	459.00	47.91					
20	40-44	Current CC	229.00	23.90	24.00	8.51			
20	40-44	Current MRTP	34.00	3.55					
20	40-44	Current Dual	19.00	1.98					
20	40-44	Former	217.00	22.65			12.68	18.00	8.29

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	472.00	43.95					
20	45-49	Current CC	280.00	26.07	37.00	11.75			
20	45-49	Current MRTP	24.00	2.23					
20	45-49	Current Dual	11.00	1.02					
20	45-49	Former	287.00	26.72			15.63	21.00	7.32

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	470.00	43.40					
20	50-54	Current CC	235.00	21.70	40.00	15.21			
20	50-54	Current MRTP	26.00	2.40					
20	50-54	Current Dual	2.00	0.18					
20	50-54	Former	350.00	32.32			16.81	17.00	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	402.00	41.32					
20	55-59	Current CC	212.00	21.79	37.00	16.09			
20	55-59	Current MRTP	11.00	1.13					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	341.00	35.05			20.76	16.00	4.69

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	180.00	20.95	44.00	20.66			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 29 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	12.00	1.40					
20	60-64	Former	338.00	39.35			22.92	12.00	3.55

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	192.00	30.48					
20	65-69	Current CC	134.00	21.27	35.00	22.01			
20	65-69	Current MRTP	18.00	2.86					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	279.00	44.29			24.25	16.00	5.73

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	109.00	20.80	35.00	28.00			
20	70-74	Current MRTP	9.00	1.72					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	244.00	46.56			25.41	11.00	4.51

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	31.00	32.63			
20	75-79	Current MRTP	6.00	1.17					
20	75-79	Current Dual	10.00	1.94					
20	75-79	Former	279.00	54.17			25.34	17.00	6.09

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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	124104.866	27.718	0.009	0.022	4845.61	1920.39	1919.96	0.429
1992	308577	122143.718	122032.298	111.420	0.036	0.091	4692.62	1857.47	1855.78	1.694
1993	311713	123269.216	123023.005	246.211	0.079	0.200	4656.77	1841.55	1837.87	3.678
1994	305700	120480.723	120145.569	335.155	0.110	0.278	4482.57	1766.64	1761.73	4.914
1995	303225	118666.569	118200.910	465.659	0.154	0.392	4361.58	1706.89	1700.20	6.698
1996	299559	116607.195	116022.555	584.639	0.195	0.501	4242.85	1651.58	1643.30	8.281
1997	294226	114665.051	114027.387	637.664	0.217	0.556	4100.64	1598.09	1589.20	8.887
1998	289258	113038.380	112263.805	774.575	0.268	0.685	3966.28	1549.97	1539.35	10.621
1999	311002	117067.463	115998.728	1068.735	0.344	0.913	4198.14	1580.27	1565.84	14.427
2000	303786	114977.407	113819.048	1158.360	0.381	1.007	4041.13	1529.49	1514.08	15.409
2001	296294	113047.319	111830.160	1217.159	0.411	1.077	3890.54	1484.39	1468.40	15.982
2002	291898	111744.742	110420.656	1324.086	0.454	1.185	3789.34	1450.64	1433.45	17.189
2003	285865	110551.854	109133.653	1418.201	0.496	1.283	3671.31	1419.80	1401.58	18.214
2004	274177	107418.262	106064.257	1354.005	0.494	1.260	3481.92	1364.16	1346.97	17.195
2005	272379	107678.770	106356.261	1322.509	0.486	1.228	3417.44	1351.01	1334.41	16.593
2006	264118	104357.806	103092.045	1265.761	0.479	1.213	3281.83	1296.71	1280.98	15.728
2007	258419	102690.449	101399.901	1290.549	0.499	1.257	3176.05	1262.10	1246.24	15.861
2008	259461	103492.166	101978.275	1513.892	0.583	1.463	3150.91	1256.82	1238.43	18.385
2009	253907	101384.044	99749.559	1634.485	0.644	1.612	3045.20	1215.94	1196.33	19.603

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	2255492.899	17750.78	0.305	0.781	3927.78	1535.76	1523.77	11.992

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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_17_Vary_parameter_combinations.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	63060.170	8.616	0.011	0.014	1213.84	975.702	975.569	0.133
1992	77987	62535.347	62509.477	25.870	0.033	0.041	1185.97	950.993	950.600	0.393
1993	78542	62883.111	62832.756	50.355	0.064	0.080	1173.36	939.428	938.676	0.752
1994	77437	61805.804	61734.508	71.296	0.092	0.115	1135.48	906.276	905.231	1.045
1995	76904	61145.799	61045.500	100.299	0.130	0.164	1106.18	879.519	878.076	1.443
1996	76232	60385.323	60258.760	126.562	0.166	0.210	1079.72	855.277	853.484	1.793
1997	75473	59549.806	59427.332	122.474	0.162	0.206	1051.87	829.947	828.240	1.707
1998	75381	59292.315	59109.403	182.912	0.243	0.308	1033.62	813.010	810.502	2.508
1999	73159	57398.351	57161.159	237.192	0.324	0.413	987.557	774.807	771.605	3.202
2000	73784	57716.549	57424.386	292.163	0.396	0.506	981.515	767.777	763.890	3.887
2001	73294	57211.877	56899.180	312.698	0.427	0.547	962.399	751.230	747.124	4.106
2002	72442	56438.810	56091.073	347.737	0.480	0.616	940.422	732.673	728.159	4.514
2003	71942	55948.341	55603.532	344.809	0.479	0.616	923.937	718.533	714.105	4.428
2004	71301	55339.218	55001.838	337.381	0.473	0.610	905.490	702.783	698.498	4.285
2005	70964	54964.459	54650.882	313.577	0.442	0.571	890.360	689.620	685.685	3.934
2006	69658	53781.526	53490.786	290.741	0.417	0.541	865.543	668.268	664.656	3.613
2007	68565	52784.985	52504.103	280.882	0.410	0.532	842.687	648.745	645.293	3.452
2008	68226	52470.692	52122.879	347.813	0.510	0.663	828.542	637.208	632.984	4.224
2009	67509	51823.021	51445.791	377.230	0.559	0.728	809.661	621.533	617.009	4.524

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	1155817.921	4170.607	0.283	0.360	997.213	783.665	780.848	2.818

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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 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	37053.484	13.900	0.008	0.037	2599.72	573.449	573.234	0.215
1992	164548	35863.851	35800.002	63.850	0.039	0.178	2502.33	545.392	544.421	0.971
1993	164362	35459.800	35311.113	148.687	0.090	0.419	2455.45	529.744	527.522	2.221
1994	159866	34293.631	34097.387	196.245	0.123	0.572	2344.16	502.857	499.980	2.878
1995	158083	33531.695	33267.202	264.493	0.167	0.789	2273.86	482.318	478.514	3.804
1996	154875	32438.163	32114.414	323.749	0.209	0.998	2193.60	459.443	454.858	4.585
1997	149970	31179.663	30810.127	369.535	0.246	1.185	2090.14	434.552	429.402	5.150
1998	145407	29860.736	29464.967	395.769	0.272	1.325	1993.81	409.447	404.021	5.427
1999	165952	34413.904	33862.261	551.643	0.332	1.603	2240.15	464.545	457.099	7.447
2000	160260	33265.290	32718.416	546.874	0.341	1.644	2131.87	442.513	435.238	7.275
2001	154444	32074.102	31506.637	567.465	0.367	1.769	2027.95	421.154	413.703	7.451
2002	151887	31817.956	31218.438	599.518	0.395	1.884	1971.76	413.052	405.269	7.783
2003	146733	31025.931	30334.285	691.646	0.471	2.229	1884.46	398.460	389.577	8.883
2004	138381	29503.602	28839.853	663.749	0.480	2.250	1757.38	374.682	366.253	8.429
2005	135881	29077.894	28417.479	660.415	0.486	2.271	1704.85	364.830	356.544	8.286
2006	131922	28385.448	27720.321	665.126	0.504	2.343	1639.21	352.707	344.442	8.265
2007	126502	27327.625	26624.854	702.771	0.556	2.572	1554.75	335.866	327.228	8.637
2008	125859	27025.472	26247.361	778.111	0.618	2.879	1528.44	328.199	318.750	9.449
2009	122428	26361.626	25519.928	841.698	0.688	3.193	1468.33	316.165	306.070	10.095

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	629311.430	9045.243	0.302	1.417	2024.64	431.261	425.150	6.111

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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_17_Vary_parameter_combinations.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	4486.888	1.095	0.003	0.024	504.630	69.431	69.414	0.017
1992	32100	4371.196	4361.790	9.406	0.029	0.215	488.154	66.474	66.331	0.143
1993	32896	4414.136	4389.381	24.755	0.075	0.561	491.442	65.944	65.574	0.370
1994	33323	4474.895	4439.109	35.786	0.107	0.800	488.625	65.617	65.092	0.525
1995	33569	4476.290	4423.510	52.781	0.157	1.179	482.855	64.387	63.628	0.759
1996	33870	4489.078	4420.750	68.328	0.202	1.522	479.723	63.582	62.614	0.968
1997	33516	4444.866	4355.793	89.074	0.266	2.004	467.113	61.948	60.707	1.241
1998	32795	4313.427	4229.862	83.565	0.255	1.937	449.682	59.145	57.999	1.146
1999	33375	4232.739	4131.461	101.277	0.303	2.393	450.521	57.137	55.770	1.367
2000	33459	4307.577	4213.815	93.763	0.280	2.177	445.090	57.302	56.054	1.247
2001	32275	4136.308	4046.762	89.546	0.277	2.165	423.792	54.312	53.137	1.176
2002	31586	4079.175	3994.255	84.920	0.269	2.082	410.041	52.955	51.852	1.102
2003	30985	4096.221	3986.472	109.749	0.354	2.679	397.934	52.607	51.197	1.409
2004	29884	4034.217	3933.280	100.937	0.338	2.502	379.513	51.233	49.951	1.282
2005	28708	3944.303	3847.569	96.734	0.337	2.452	360.189	49.488	48.274	1.214
2006	28188	3970.169	3870.214	99.955	0.355	2.518	350.253	49.332	48.090	1.242
2007	28026	3957.558	3843.986	113.572	0.405	2.870	344.449	48.640	47.244	1.396
2008	27128	3812.302	3705.404	106.898	0.394	2.804	329.444	46.297	44.999	1.298
2009	27068	3827.467	3700.811	126.656	0.468	3.309	324.637	45.904	44.385	1.519

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	82968.709	1488.795	0.237	1.763	424.421	57.058	56.052	1.006

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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	19504.324	4.106	0.012	0.021	527.418	301.804	301.741	0.064
1992	33942	19373.324	19361.030	12.294	0.036	0.063	516.166	294.616	294.429	0.187
1993	35913	20512.169	20489.755	22.414	0.062	0.109	536.514	306.437	306.102	0.335
1994	35074	19906.392	19874.564	31.828	0.091	0.160	514.300	291.893	291.426	0.467
1995	34669	19512.784	19464.698	48.086	0.139	0.246	498.677	280.671	279.979	0.692
1996	34582	19294.631	19228.631	66.000	0.191	0.342	489.808	273.283	272.348	0.935
1997	35267	19490.717	19434.136	56.581	0.160	0.290	491.517	271.643	270.854	0.789
1998	35675	19571.902	19459.573	112.329	0.315	0.574	489.172	268.368	266.828	1.540
1999	38516	21022.469	20843.846	178.622	0.464	0.850	519.919	283.777	281.366	2.411
2000	36283	19687.992	19462.431	225.560	0.622	1.146	482.656	261.900	258.900	3.001
2001	36281	19625.032	19377.582	247.450	0.682	1.261	476.394	257.690	254.441	3.249
2002	35983	19408.801	19116.890	291.911	0.811	1.504	467.122	251.960	248.170	3.790
2003	36205	19481.360	19209.363	271.997	0.751	1.396	464.974	250.195	246.702	3.493
2004	34611	18541.224	18289.286	251.938	0.728	1.359	439.544	235.465	232.266	3.200
2005	36826	19692.114	19440.331	251.783	0.684	1.279	462.043	247.070	243.911	3.159
2006	34350	18220.663	18010.724	209.939	0.611	1.152	426.820	226.403	223.794	2.609
2007	35326	18620.282	18426.957	193.324	0.547	1.038	434.168	228.849	226.473	2.376
2008	38248	20183.701	19902.631	281.070	0.735	1.393	464.487	245.112	241.699	3.413
2009	36902	19371.930	19083.029	288.901	0.783	1.491	442.580	232.335	228.870	3.465

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	387394.840	3046.134	0.427	0.780	481.512	263.774	261.716	2.058

Results for PHIM for Run 30 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN15
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN15

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	1-3	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	1-3	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	1-3	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	1-3	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	1-3	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	1-3	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000
10-14	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
15-19	4+	0.004000	0.000400	0.003000	0.004000	0.000200	0.003000
20-24	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
25-29	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
30-34	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
35-39	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
40-44	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
45-49	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
50-54	4+	0.004000	0.000400	0.004000	0.004000	0.000200	0.004000
55-59	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
60-64	4+	0.004000	0.000400	0.005000	0.004000	0.000200	0.005000
65-69	4+	0.004000	0.000400	0.006000	0.004000	0.000200	0.006000
70-74	4+	0.004000	0.000400	0.007000	0.004000	0.000200	0.007000
75-79	4+	0.004000	0.000400	0.008000	0.004000	0.000200	0.008000

Results for PHIM for Run 30 (APPENDIX_17_Vary_parameter_combinations.RTF)

****

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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2042.00	22.49	103.00	4.68			
5	All Ages	Current MRTP	98.00	1.08					
5	All Ages	Current Dual	63.00	0.69					
5	All Ages	Former	1995.00	21.97			14.77	124.00	6.22

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
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 30 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.23			
5	20-24	Current MRTP	14.00	1.66					
5	20-24	Current Dual	10.00	1.18					
5	20-24	Former	25.00	2.96			2.88	10.00	40.00
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	457.00	54.99					
5	25-29	Current CC	206.00	24.79	9.00	3.81			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	12.00	1.44					
5	25-29	Former	138.00	16.61			5.33	16.00	11.59
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	516.00	51.65					
5	30-34	Current CC	282.00	28.23	14.00	4.64			
5	30-34	Current MRTP	11.00	1.10					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.79	14.00	7.73
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	550.00	49.02					
5	35-39	Current CC	305.00	27.18	9.00	2.71			
5	35-39	Current MRTP	19.00	1.69					
5	35-39	Current Dual	8.00	0.71					
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	489.00	50.41					
5	40-44	Current CC	215.00	22.16	8.00	3.49			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	6.00	0.62					
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	7.00	3.78			
5	45-49	Current MRTP	3.00	0.37					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.22	14.00	6.86
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	8.00	5.23			
5	50-54	Current MRTP	5.00	0.81					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	167.00	26.89			15.27	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	125.00	23.36	6.00	4.69			
5	55-59	Current MRTP	2.00	0.37					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.07	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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	1.00	0.19					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	79.00	14.66	12.00	14.12			
5	70-74	Current MRTP	3.00	0.56					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	174.00	32.28			24.97	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	10.00	17.54			
5	75-79	Current MRTP	4.00	0.82					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	162.00	33.33			27.68	4.00	2.47

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	4869.00	53.45					
10	All Ages	Current CC	1943.00	21.33	172.00	7.75			
10	All Ages	Current MRTP	167.00	1.83					
10	All Ages	Current Dual	109.00	1.20					
10	All Ages	Former	2021.00	22.19			16.19	124.00	6.14

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	632.00	77.74					
10	20-24	Current CC	146.00	17.96	0.00	0.00			
10	20-24	Current MRTP	12.00	1.48					
10	20-24	Current Dual	11.00	1.35					
10	20-24	Former	12.00	1.48			2.83	6.00	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	527.00	62.44					
10	25-29	Current CC	214.00	25.36	4.00	1.50			
10	25-29	Current MRTP	29.00	3.44					
10	25-29	Current Dual	23.00	2.73					
10	25-29	Former	51.00	6.04			4.75	12.00	23.53

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	423.00	50.90					
10	30-34	Current CC	197.00	23.71	15.00	6.28			
10	30-34	Current MRTP	21.00	2.53					
10	30-34	Current Dual	21.00	2.53					
10	30-34	Former	169.00	20.34			8.34	21.00	12.43

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	493.00	49.35					
10	35-39	Current CC	263.00	26.33	26.00	8.44			
10	35-39	Current MRTP	25.00	2.50					
10	35-39	Current Dual	20.00	2.00					
10	35-39	Former	198.00	19.82			11.02	10.00	5.05

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	540.00	48.13					
10	40-44	Current CC	272.00	24.24	18.00	5.90			
10	40-44	Current MRTP	24.00	2.14					
10	40-44	Current Dual	9.00	0.80					
10	40-44	Former	277.00	24.69			11.38	16.00	5.78

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	489.00	50.41					
10	45-49	Current CC	191.00	19.69	20.00	9.39			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	9.00	0.93					
10	45-49	Former	268.00	27.63			15.11	11.00	4.10

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	164.00	20.22	15.00	8.67			
10	50-54	Current MRTP	7.00	0.86					
10	50-54	Current Dual	2.00	0.25					
10	50-54	Former	216.00	26.63			14.53	12.00	5.56
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	15.00	10.64			
10	55-59	Current MRTP	8.00	1.29					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	179.00	28.82			18.12	9.00	5.03
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	252.00	47.10					
10	60-64	Current CC	115.00	21.50	8.00	6.67			
10	60-64	Current MRTP	4.00	0.75					
10	60-64	Current Dual	1.00	0.19					
10	60-64	Former	163.00	30.47			18.62	3.00	1.84
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	93.00	19.06	11.00	11.00			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.97	2.00	1.45
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	13.00	13.13			
10	70-74	Current MRTP	9.00	1.68					
10	70-74	Current Dual	2.00	0.37					
10	70-74	Former	177.00	33.02			23.55	11.00	6.21
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	69.00	12.80	27.00	31.40			
10	75-79	Current MRTP	10.00	1.86					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	173.00	32.10			27.53	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	4463.00	52.08					
15	All Ages	Current CC	1710.00	19.95	216.00	10.66			
15	All Ages	Current MRTP	194.00	2.26					
15	All Ages	Current Dual	123.00	1.44					
15	All Ages	Former	2080.00	24.27			17.18	139.00	6.68
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	569.00	69.99					
15	25-29	Current CC	159.00	19.56	2.00	0.94			
15	25-29	Current MRTP	32.00	3.94					
15	25-29	Current Dual	21.00	2.58					
15	25-29	Former	32.00	3.94			3.72	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	482.00	57.11					

Results for PHIM for Run 30 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	212.00	25.12	8.00	2.85			
15	30-34	Current MRTP	38.00	4.50					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.33	18.00	22.22
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	409.00	49.22					
15	35-39	Current CC	174.00	20.94	26.00	11.76			
15	35-39	Current MRTP	29.00	3.49					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	201.00	24.19			11.02	13.00	6.47
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	48.95					
15	40-44	Current CC	236.00	23.62	32.00	11.43			
15	40-44	Current MRTP	23.00	2.30					
15	40-44	Current Dual	21.00	2.10					
15	40-44	Former	230.00	23.02			13.43	17.00	7.39
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	540.00	48.13					
15	45-49	Current CC	240.00	21.39	24.00	8.79			
15	45-49	Current MRTP	25.00	2.23					
15	45-49	Current Dual	8.00	0.71					
15	45-49	Former	309.00	27.54			14.37	13.00	4.21
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	489.00	50.41					
15	50-54	Current CC	169.00	17.42	28.00	14.51			
15	50-54	Current MRTP	12.00	1.24					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	288.00	29.69			17.91	14.00	4.86
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	422.00	52.03					
15	55-59	Current CC	150.00	18.50	20.00	12.74			
15	55-59	Current MRTP	5.00	0.62					
15	55-59	Current Dual	2.00	0.25					
15	55-59	Former	232.00	28.61			17.46	14.00	6.03
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	111.00	17.87	19.00	15.32			
15	60-64	Current MRTP	9.00	1.45					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	196.00	31.56			20.43	9.00	4.59
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	104.00	19.44	21.00	18.75			
15	65-69	Current MRTP	6.00	1.12					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	171.00	31.96			21.46	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	79.00	16.19	13.00	15.29			
15	70-74	Current MRTP	5.00	1.02					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	153.00	31.35			24.64	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	76.00	14.18	23.00	25.84			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	3.00	0.56					
15	75-79	Former	187.00	34.89			25.16	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	4144.00	51.58					
20	All Ages	Current CC	1494.00	18.60	235.00	13.13			

Results for PHIM for Run 30 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	191.00	2.38					
20	All Ages	Current Dual	105.00	1.31					
20	All Ages	Former	2100.00	26.14			18.55	115.00	5.48

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	536.00	65.93					
20	30-34	Current CC	161.00	19.80	2.00	0.93			
20	30-34	Current MRTP	34.00	4.18					
20	30-34	Current Dual	20.00	2.46					
20	30-34	Former	62.00	7.63			5.52	11.00	17.74

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	466.00	55.21					
20	35-39	Current CC	192.00	22.75	11.00	4.40			
20	35-39	Current MRTP	37.00	4.38					
20	35-39	Current Dual	21.00	2.49					
20	35-39	Former	128.00	15.17			7.48	25.00	19.53

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	399.00	48.01					
20	40-44	Current CC	159.00	19.13	31.00	14.98			
20	40-44	Current MRTP	30.00	3.61					
20	40-44	Current Dual	18.00	2.17					
20	40-44	Former	225.00	27.08			14.11	6.00	2.67

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	48.95					
20	45-49	Current CC	220.00	22.02	35.00	13.62			
20	45-49	Current MRTP	23.00	2.30					
20	45-49	Current Dual	14.00	1.40					
20	45-49	Former	253.00	25.33			16.22	10.00	3.95

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	540.00	48.13					
20	50-54	Current CC	217.00	19.34	30.00	12.20			
20	50-54	Current MRTP	21.00	1.87					
20	50-54	Current Dual	8.00	0.71					
20	50-54	Former	336.00	29.95			17.10	16.00	4.76

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	489.00	50.41					
20	55-59	Current CC	155.00	15.98	35.00	19.66			
20	55-59	Current MRTP	12.00	1.24					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	303.00	31.24			20.86	10.00	3.30

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	127.00	15.66	23.00	16.20			
20	60-64	Current MRTP	14.00	1.73					

Results for PHIM for Run 30 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	1.00	0.12					
20	60-64	Former	247.00	30.46			20.15	14.00	5.67

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	103.00	16.59	24.00	20.69			
20	65-69	Current MRTP	9.00	1.45					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	204.00	32.85			23.44	5.00	2.45

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	91.00	17.01	23.00	22.77			
20	70-74	Current MRTP	7.00	1.31					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	182.00	34.02			24.23	9.00	4.95

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	69.00	14.14	21.00	26.92			
20	75-79	Current MRTP	4.00	0.82					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	160.00	32.79			25.84	9.00	5.63

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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	59122.873	4.988	0.003	0.008	2826.86	839.248	839.177	0.071
1992	198532	60226.142	60228.834	-2.692	-0.001	-0.004	2778.64	842.922	842.960	-0.038
1993	202512	62332.320	62337.600	-5.281	-0.003	-0.008	2793.47	859.818	859.890	-0.073
1994	200658	62691.239	62712.096	-20.857	-0.010	-0.033	2725.82	851.622	851.906	-0.283
1995	201023	63132.954	63158.313	-25.359	-0.013	-0.040	2687.54	844.043	844.382	-0.339
1996	201180	64309.880	64463.685	-153.804	-0.076	-0.239	2653.67	848.280	850.309	-2.029
1997	198639	64547.894	64722.717	-174.823	-0.088	-0.271	2583.39	839.475	841.749	-2.274
1998	197573	65384.866	65550.394	-165.528	-0.084	-0.253	2533.29	838.367	840.489	-2.122
1999	211329	67554.762	67663.084	-108.323	-0.051	-0.160	2673.14	854.513	855.884	-1.370
2000	208496	68184.366	68269.465	-85.099	-0.041	-0.125	2604.20	851.652	852.715	-1.063
2001	203606	68286.060	68263.118	22.942	0.011	0.034	2514.65	843.372	843.089	0.283
2002	200828	68983.996	68996.445	-12.449	-0.006	-0.018	2455.47	843.450	843.602	-0.152
2003	196352	68717.830	68558.087	159.744	0.081	0.232	2377.49	832.057	830.123	1.934
2004	188160	67344.952	66951.760	393.191	0.209	0.584	2254.66	806.974	802.262	4.711
2005	186416	67846.650	67298.863	547.787	0.294	0.807	2208.07	803.634	797.145	6.488
2006	180088	66622.465	65688.458	934.006	0.519	1.402	2113.55	781.893	770.932	10.962
2007	175644	65977.201	64861.500	1115.701	0.635	1.691	2039.92	766.256	753.299	12.958
2008	177570	67121.344	65924.066	1197.277	0.674	1.784	2039.03	770.751	757.003	13.748
2009	172806	66622.993	65171.080	1451.913	0.840	2.179	1961.22	756.123	739.645	16.478

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	1297243.029	5073.336	0.130	0.390	2465.77	823.300	820.093	3.207

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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_17_Vary_parameter_combinations.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	31527.047	2.971	0.007	0.009	620.154	447.530	447.488	0.042
1992	45423	32811.446	32812.160	-0.713	-0.002	-0.002	635.738	459.227	459.237	-0.010
1993	46291	33467.735	33470.197	-2.462	-0.005	-0.007	638.542	461.657	461.691	-0.034
1994	47017	33989.389	33999.338	-9.949	-0.021	-0.029	638.697	461.725	461.860	-0.135
1995	47840	34566.580	34579.164	-12.584	-0.026	-0.036	639.587	462.131	462.299	-0.168
1996	48244	34997.958	35054.046	-56.088	-0.116	-0.160	636.363	461.641	462.381	-0.740
1997	49035	35549.658	35610.256	-60.599	-0.124	-0.170	637.723	462.340	463.128	-0.788
1998	49686	36138.033	36207.136	-69.103	-0.139	-0.191	637.076	463.363	464.249	-0.886
1999	48883	35506.142	35564.237	-58.096	-0.119	-0.164	618.331	449.124	449.859	-0.735
2000	50331	36573.306	36626.347	-53.041	-0.105	-0.145	628.656	456.816	457.479	-0.663
2001	50389	36733.445	36761.465	-28.020	-0.056	-0.076	622.333	453.679	454.025	-0.346
2002	51445	37627.700	37657.686	-29.985	-0.058	-0.080	629.005	460.065	460.431	-0.367
2003	51408	37552.784	37523.129	29.655	0.058	0.079	622.464	454.701	454.342	0.359
2004	51399	37527.823	37431.274	96.549	0.188	0.257	615.898	449.684	448.527	1.157
2005	51421	37486.186	37348.799	137.387	0.267	0.367	609.074	444.018	442.391	1.627
2006	51355	37409.496	37131.486	278.010	0.541	0.743	602.712	439.045	435.782	3.263
2007	51839	37602.867	37266.907	335.960	0.648	0.893	602.056	436.718	432.816	3.902
2008	50976	36986.957	36644.715	342.242	0.671	0.925	585.355	424.719	420.789	3.930
2009	51193	37201.944	36759.354	442.590	0.865	1.190	581.003	422.215	417.192	5.023

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	710620.116	1284.723	0.131	0.180	619.890	450.053	449.241	0.812

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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		Null	MRTP			%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	12664.548	-1.568	-0.002	-0.012	1368.32	179.735	179.758	-0.022
1992	93721	12337.995	12339.192	-1.196	-0.001	-0.010	1311.71	172.682	172.699	-0.017
1993	93679	12401.934	12400.671	1.263	0.001	0.010	1292.22	171.073	171.056	0.017
1994	90832	12128.576	12126.797	1.779	0.002	0.015	1233.90	164.759	164.735	0.024
1995	89698	11958.696	11957.307	1.389	0.002	0.012	1199.20	159.879	159.861	0.019
1996	88286	12020.749	12048.711	-27.962	-0.032	-0.233	1164.54	158.560	158.929	-0.369
1997	84777	11593.724	11622.655	-28.931	-0.034	-0.250	1102.56	150.782	151.158	-0.376
1998	82517	11337.035	11344.321	-7.286	-0.009	-0.064	1058.04	145.364	145.457	-0.093
1999	93939	13027.458	12994.230	33.228	0.035	0.255	1188.25	164.787	164.367	0.420
2000	90039	12607.547	12575.504	32.043	0.036	0.254	1124.63	157.474	157.073	0.400
2001	86119	12350.451	12260.698	89.753	0.104	0.727	1063.62	152.535	151.427	1.108
2002	83014	12112.097	12028.408	83.688	0.101	0.691	1014.99	148.092	147.068	1.023
2003	79302	11683.252	11558.996	124.257	0.157	1.064	960.214	141.465	139.960	1.505
2004	73861	11139.095	10925.745	213.350	0.289	1.915	885.053	133.476	130.920	2.557
2005	71649	10884.683	10625.312	259.371	0.362	2.383	848.672	128.927	125.855	3.072
2006	67551	10397.565	10041.084	356.481	0.528	3.429	792.791	122.028	117.844	4.184
2007	63503	9785.831	9357.748	428.083	0.674	4.375	737.521	113.652	108.680	4.972
2008	63171	9922.524	9458.985	463.539	0.734	4.672	725.389	113.940	108.617	5.323
2009	59747	9483.598	8966.713	516.885	0.865	5.450	678.085	107.632	101.766	5.866

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	229944.384	2538.165	0.154	1.092	1043.56	146.971	145.367	1.605

****

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_17_Vary_parameter_combinations.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	3115.625	0.390	0.001	0.013	461.369	44.228	44.222	0.006
1992	32560	3095.448	3095.996	-0.548	-0.002	-0.018	455.708	43.324	43.331	-0.008
1993	32768	3114.516	3116.326	-1.810	-0.006	-0.058	452.005	42.962	42.987	-0.025
1994	33005	3168.398	3170.676	-2.278	-0.007	-0.072	448.353	43.041	43.072	-0.031
1995	33730	3200.274	3203.065	-2.791	-0.008	-0.087	450.946	42.785	42.823	-0.037
1996	33750	3234.738	3244.684	-9.946	-0.029	-0.307	445.180	42.668	42.799	-0.131
1997	33699	3240.665	3261.952	-21.288	-0.063	-0.657	438.271	42.146	42.423	-0.277
1998	33274	3171.578	3182.079	-10.501	-0.032	-0.331	426.640	40.666	40.801	-0.135
1999	33891	3153.786	3151.372	2.414	0.007	0.077	428.694	39.893	39.862	0.031
2000	33827	3237.043	3222.989	14.054	0.042	0.434	422.514	40.432	40.257	0.176
2001	32506	3110.972	3075.169	35.802	0.110	1.151	401.468	38.422	37.980	0.442
2002	32078	3123.298	3088.101	35.197	0.110	1.127	392.210	38.188	37.757	0.430
2003	30568	3025.984	2982.772	43.212	0.141	1.428	370.127	36.640	36.116	0.523
2004	29388	2983.453	2909.577	73.876	0.251	2.476	352.147	35.750	34.865	0.885
2005	27954	2926.679	2836.281	90.398	0.323	3.089	331.111	34.666	33.595	1.071
2006	27201	2889.308	2768.192	121.116	0.445	4.192	319.236	33.909	32.488	1.421
2007	26302	2810.025	2665.293	144.732	0.550	5.151	305.470	32.636	30.955	1.681
2008	25998	2773.025	2621.192	151.833	0.584	5.475	298.534	31.843	30.099	1.743
2009	25040	2723.293	2550.031	173.262	0.692	6.362	284.186	30.907	28.941	1.966

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	60454.618	837.125	0.134	1.366	394.195	38.747	38.218	0.529

****

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	11815.653	3.194	0.012	0.027	377.015	167.754	167.709	0.045
1992	26828	11981.252	11981.486	-0.234	-0.001	-0.002	375.483	167.689	167.692	-0.003
1993	29774	13348.134	13350.405	-2.271	-0.008	-0.017	410.705	184.125	184.157	-0.031
1994	29804	13404.876	13415.285	-10.409	-0.035	-0.078	404.869	182.097	182.238	-0.141
1995	29755	13407.404	13418.777	-11.372	-0.038	-0.085	397.803	179.248	179.400	-0.152
1996	30900	14056.435	14116.244	-59.809	-0.194	-0.425	407.587	185.412	186.200	-0.789
1997	31128	14163.848	14227.854	-64.006	-0.206	-0.452	404.834	184.207	185.040	-0.832
1998	32096	14738.220	14816.857	-78.637	-0.245	-0.534	411.536	188.974	189.982	-1.008
1999	34616	15867.376	15953.245	-85.869	-0.248	-0.541	437.865	200.710	201.796	-1.086
2000	34299	15766.470	15844.624	-78.155	-0.228	-0.496	428.409	196.930	197.906	-0.976
2001	34592	16091.193	16165.786	-74.593	-0.216	-0.464	427.231	198.736	199.657	-0.921
2002	34291	16120.902	16222.250	-101.349	-0.296	-0.629	419.268	197.106	198.345	-1.239
2003	35074	16455.810	16493.191	-37.380	-0.107	-0.227	424.687	199.252	199.705	-0.453
2004	33512	15694.580	15685.165	9.415	0.028	0.060	401.564	188.063	187.950	0.113
2005	35392	16549.102	16488.471	60.631	0.171	0.366	419.213	196.022	195.304	0.718
2006	33981	15926.096	15747.696	178.400	0.525	1.120	398.807	186.912	184.818	2.094
2007	34000	15778.477	15571.552	206.925	0.609	1.311	394.875	183.251	180.847	2.403
2008	37425	17438.838	17199.174	239.664	0.640	1.374	429.749	200.249	197.497	2.752
2009	36826	17214.158	16894.982	319.176	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	296223.910	413.323	0.064	0.139	408.132	187.528	187.267	0.261

Results for PHIM for Run 31 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN16
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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	RUN16

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000

Results for PHIM for Run 31 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	3900.00	42.50					
5	All Ages	Current CC	2505.00	27.30	134.00	4.97			
5	All Ages	Current MRTP	98.00	1.07					
5	All Ages	Current Dual	91.00	0.99					
5	All Ages	Former	2583.00	28.15			15.68	137.00	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	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 31 (APPENDIX_17_Vary_parameter_combinations.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	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
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	527.00	55.01					
5	25-29	Current CC	286.00	29.85	3.00	0.93			
5	25-29	Current MRTP	19.00	1.98					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	110.00	11.48			5.14	17.00	15.45
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	487.00	45.34					
5	30-34	Current CC	357.00	33.24	9.00	2.37			
5	30-34	Current MRTP	10.00	0.93					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
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	474.00	43.77					
5	35-39	Current CC	338.00	31.21	14.00	3.93			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
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	402.00	41.32					
5	40-44	Current CC	288.00	29.60	13.00	4.32			
5	40-44	Current MRTP	6.00	0.62					
5	40-44	Current Dual	7.00	0.72					
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	239.00	27.82	12.00	4.71			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	9.00	1.05					
5	45-49	Former	296.00	34.46			13.91	9.00	3.04
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	10.00	6.80			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	222.00	42.37			16.95	13.00	5.86
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	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
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	13.00	10.48			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	256.00	51.20			22.18	8.00	3.13
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_17_Vary_parameter_combinations.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	18.00	20.22			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	253.00	56.47			23.10	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	75.00	20.89	14.00	17.07			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	209.00	58.22			24.62	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	4083.00	43.55					
10	All Ages	Current CC	2386.00	25.45	238.00	8.68			
10	All Ages	Current MRTP	217.00	2.31					
10	All Ages	Current Dual	140.00	1.49					
10	All Ages	Former	2549.00	27.19			17.65	143.00	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	679.00	75.78					
10	20-24	Current CC	178.00	19.87	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	10.00	1.12			2.90	4.00	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	251.00	27.43	5.00	1.57			
10	25-29	Current MRTP	34.00	3.72					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	44.00	4.81			4.84	13.00	29.55

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	483.00	50.42					
10	30-34	Current CC	264.00	27.56	7.00	2.12			
10	30-34	Current MRTP	39.00	4.07					
10	30-34	Current Dual	27.00	2.82					
10	30-34	Former	145.00	15.14			7.80	17.00	11.72

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	474.00	44.13					
10	35-39	Current CC	332.00	30.91	23.00	6.25			
10	35-39	Current MRTP	23.00	2.14					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	232.00	21.60			9.86	17.00	7.33

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	470.00	43.40					
10	40-44	Current CC	294.00	27.15	27.00	8.31			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	8.00	0.74					
10	40-44	Former	288.00	26.59			10.92	20.00	6.94

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	402.00	41.32					
10	45-49	Current CC	270.00	27.75	26.00	8.97			
10	45-49	Current MRTP	12.00	1.23					
10	45-49	Current Dual	8.00	0.82					
10	45-49	Former	281.00	28.88			16.00	14.00	4.98

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	218.00	25.38	29.00	11.74			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	304.00	35.39			17.42	7.00	2.30
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	172.00	27.30	26.00	13.68			
10	55-59	Current MRTP	12.00	1.90					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.44	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	132.00	25.19	17.00	12.14			
10	60-64	Current MRTP	3.00	0.57					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	229.00	43.70			20.39	7.00	3.06
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	105.00	20.39	24.00	19.20			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	249.00	48.35			22.21	8.00	3.21
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	31.00	24.80			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	255.00	51.00			24.93	13.00	5.10
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	23.00	29.49			
10	75-79	Current MRTP	12.00	2.68					
10	75-79	Current Dual	5.00	1.12					
10	75-79	Former	264.00	58.93			25.59	15.00	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	3856.00	43.19					
15	All Ages	Current CC	2171.00	24.32	318.00	12.12			
15	All Ages	Current MRTP	297.00	3.33					
15	All Ages	Current Dual	156.00	1.75					
15	All Ages	Former	2447.00	27.41			19.27	126.00	5.15
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	608.00	67.86					
15	25-29	Current CC	194.00	21.65	0.00	0.00			
15	25-29	Current MRTP	42.00	4.69					
15	25-29	Current Dual	21.00	2.34					
15	25-29	Former	31.00	3.46			3.52	11.00	35.48
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	520.00	56.83					

Results for PHIM for Run 31 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	241.00	26.34	11.00	3.38			
15	30-34	Current MRTP	51.00	5.57					
15	30-34	Current Dual	33.00	3.61					
15	30-34	Former	70.00	7.65			6.41	13.00	18.57
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	468.00	48.85					
15	35-39	Current CC	247.00	25.78	17.00	5.30			
15	35-39	Current MRTP	44.00	4.59					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	169.00	17.64			10.63	17.00	10.06
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	472.00	43.95					
15	40-44	Current CC	298.00	27.75	32.00	9.36			
15	40-44	Current MRTP	31.00	2.89					
15	40-44	Current Dual	13.00	1.21					
15	40-44	Former	260.00	24.21			12.81	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	470.00	43.40					
15	45-49	Current CC	270.00	24.93	37.00	12.13			
15	45-49	Current MRTP	25.00	2.31					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	308.00	28.44			14.50	14.00	4.55
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	402.00	41.32					
15	50-54	Current CC	232.00	23.84	33.00	12.84			
15	50-54	Current MRTP	17.00	1.75					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	314.00	32.27			18.39	14.00	4.46
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	40.00	17.02			
15	55-59	Current MRTP	22.00	2.56					
15	55-59	Current Dual	14.00	1.63					
15	55-59	Former	316.00	36.79			20.80	15.00	4.75
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	164.00	26.03	35.00	18.92			
15	60-64	Current MRTP	18.00	2.86					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	253.00	40.16			23.57	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	128.00	24.43	32.00	22.70			
15	65-69	Current MRTP	4.00	0.76					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	228.00	43.51			23.65	4.00	1.75
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	96.00	18.64	34.00	26.98			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	248.00	48.16			25.70	8.00	3.23
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	120.00	24.00					
15	75-79	Current CC	102.00	20.40	47.00	36.15			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	250.00	50.00			27.73	7.00	2.80
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	3676.00	43.62					
20	All Ages	Current CC	1879.00	22.30	368.00	15.37			

Results for PHIM for Run 31 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	341.00	4.05					
20	All Ages	Current Dual	175.00	2.08					
20	All Ages	Former	2356.00	27.96			20.48	123.00	5.22

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	575.00	64.17					
20	30-34	Current CC	190.00	21.21	2.00	0.75			
20	30-34	Current MRTP	51.00	5.69					
20	30-34	Current Dual	27.00	3.01					
20	30-34	Former	53.00	5.92			5.72	11.00	20.75

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	502.00	54.86					
20	35-39	Current CC	225.00	24.59	14.00	4.44			
20	35-39	Current MRTP	58.00	6.34					
20	35-39	Current Dual	32.00	3.50					
20	35-39	Former	98.00	10.71			8.17	14.00	14.29

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	459.00	47.91					
20	40-44	Current CC	231.00	24.11	26.00	8.31			
20	40-44	Current MRTP	49.00	5.11					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	186.00	19.42			13.64	9.00	4.84

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	472.00	43.95					
20	45-49	Current CC	281.00	26.16	45.00	13.72			
20	45-49	Current MRTP	35.00	3.26					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	274.00	25.51			16.10	16.00	5.84

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	470.00	43.40					
20	50-54	Current CC	236.00	21.79	47.00	16.91			
20	50-54	Current MRTP	34.00	3.14					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	335.00	30.93			17.23	14.00	4.18

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	402.00	41.32					
20	55-59	Current CC	212.00	21.79	45.00	18.52			
20	55-59	Current MRTP	21.00	2.16					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	328.00	33.71			21.47	11.00	3.35

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	179.00	20.84	56.00	24.35			
20	60-64	Current MRTP	31.00	3.61					

Results for PHIM for Run 31 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	20.00	2.33					
20	60-64	Former	321.00	37.37			23.72	13.00	4.05

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	134.00	21.27	43.00	25.15			
20	65-69	Current MRTP	28.00	4.44					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	267.00	42.38			25.10	12.00	4.49

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	110.00	20.99	41.00	31.06			
20	70-74	Current MRTP	12.00	2.29					
20	70-74	Current Dual	10.00	1.91					
20	70-74	Former	237.00	45.23			25.94	12.00	5.06

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	81.00	15.73	49.00	41.88			
20	75-79	Current MRTP	22.00	4.27					
20	75-79	Current Dual	14.00	2.72					
20	75-79	Former	257.00	49.90			26.91	11.00	4.28

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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	124104.866	27.718	0.009	0.022	4845.61	1920.39	1919.96	0.429
1992	308577	122143.718	122035.702	108.016	0.035	0.088	4692.62	1857.47	1855.83	1.643
1993	311713	123269.216	123037.426	231.790	0.074	0.188	4656.77	1841.55	1838.09	3.463
1994	305700	120480.723	120168.702	312.021	0.102	0.259	4482.57	1766.64	1762.07	4.575
1995	303225	118666.569	118236.885	429.684	0.142	0.362	4361.58	1706.89	1700.71	6.181
1996	299559	116607.195	116073.510	533.684	0.178	0.458	4242.85	1651.58	1644.03	7.559
1997	294226	114665.051	114102.274	562.777	0.191	0.491	4100.64	1598.09	1590.25	7.843
1998	289258	113038.380	112378.659	659.721	0.228	0.584	3966.28	1549.97	1540.92	9.046
1999	311002	117067.463	116161.145	906.318	0.291	0.774	4198.14	1580.27	1568.03	12.234
2000	303786	114977.407	114045.709	931.699	0.307	0.810	4041.13	1529.49	1517.10	12.394
2001	296294	113047.319	112116.898	930.421	0.314	0.823	3890.54	1484.39	1472.17	12.217
2002	291898	111744.742	110789.231	955.511	0.327	0.855	3789.34	1450.64	1438.24	12.404
2003	285865	110551.854	109570.852	981.002	0.343	0.887	3671.31	1419.80	1407.20	12.599
2004	274177	107418.262	106565.439	852.823	0.311	0.794	3481.92	1364.16	1353.33	10.830
2005	272379	107678.770	106906.210	772.560	0.284	0.717	3417.44	1351.01	1341.31	9.693
2006	264118	104357.806	103697.278	660.529	0.250	0.633	3281.83	1296.71	1288.50	8.207
2007	258419	102690.449	102086.393	604.057	0.234	0.588	3176.05	1262.10	1254.68	7.424
2008	259461	103492.166	102733.451	758.716	0.292	0.733	3150.91	1256.82	1247.60	9.214
2009	253907	101384.044	100565.135	818.909	0.323	0.808	3045.20	1215.94	1206.12	9.821

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	2261205.725	12037.95	0.207	0.530	3927.78	1535.76	1527.63	8.133

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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_17_Vary_parameter_combinations.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	63060.170	8.616	0.011	0.014	1213.84	975.702	975.569	0.133
1992	77987	62535.347	62510.086	25.261	0.032	0.040	1185.97	950.993	950.609	0.384
1993	78542	62883.111	62835.117	47.994	0.061	0.076	1173.36	939.428	938.711	0.717
1994	77437	61805.804	61738.445	67.359	0.087	0.109	1135.48	906.276	905.289	0.988
1995	76904	61145.799	61052.023	93.776	0.122	0.153	1106.18	879.519	878.170	1.349
1996	76232	60385.323	60268.456	116.867	0.153	0.194	1079.72	855.277	853.622	1.655
1997	75473	59549.806	59441.010	108.795	0.144	0.183	1051.87	829.947	828.431	1.516
1998	75381	59292.315	59133.472	158.842	0.211	0.268	1033.62	813.010	810.832	2.178
1999	73159	57398.351	57190.908	207.443	0.284	0.361	987.557	774.807	772.007	2.800
2000	73784	57716.549	57469.538	247.011	0.335	0.428	981.515	767.777	764.491	3.286
2001	73294	57211.877	56957.083	254.795	0.348	0.445	962.399	751.230	747.884	3.346
2002	72442	56438.810	56166.194	272.616	0.376	0.483	940.422	732.673	729.134	3.539
2003	71942	55948.341	55695.238	253.103	0.352	0.452	923.937	718.533	715.283	3.251
2004	71301	55339.218	55109.796	229.422	0.322	0.415	905.490	702.783	699.869	2.914
2005	70964	54964.459	54767.581	196.878	0.277	0.358	890.360	689.620	687.149	2.470
2006	69658	53781.526	53619.545	161.982	0.233	0.301	865.543	668.268	666.256	2.013
2007	68565	52784.985	52654.628	130.357	0.190	0.247	842.687	648.745	647.143	1.602
2008	68226	52470.692	52289.499	181.193	0.266	0.345	828.542	637.208	635.008	2.200
2009	67509	51823.021	51630.993	192.028	0.284	0.371	809.661	621.533	619.230	2.303

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	1157034.189	2954.339	0.200	0.255	997.213	783.665	781.669	1.996

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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	37053.484	13.900	0.008	0.037	2599.72	573.449	573.234	0.215
1992	164548	35863.851	35802.010	61.841	0.038	0.172	2502.33	545.392	544.452	0.940
1993	164362	35459.800	35319.933	139.868	0.085	0.394	2455.45	529.744	527.654	2.090
1994	159866	34293.631	34111.419	182.213	0.114	0.531	2344.16	502.857	500.186	2.672
1995	158083	33531.695	33288.249	243.446	0.154	0.726	2273.86	482.318	478.817	3.502
1996	154875	32438.163	32143.421	294.742	0.190	0.909	2193.60	459.443	455.268	4.175
1997	149970	31179.663	30854.648	325.015	0.217	1.042	2090.14	434.552	430.022	4.530
1998	145407	29860.736	29527.659	333.077	0.229	1.115	1993.81	409.447	404.880	4.567
1999	165952	34413.904	33959.807	454.097	0.274	1.320	2240.15	464.545	458.416	6.130
2000	160260	33265.290	32851.691	413.599	0.258	1.243	2131.87	442.513	437.011	5.502
2001	154444	32074.102	31673.661	400.441	0.259	1.248	2027.95	421.154	415.896	5.258
2002	151887	31817.956	31432.138	385.819	0.254	1.213	1971.76	413.052	408.044	5.009
2003	146733	31025.931	30582.043	443.888	0.303	1.431	1884.46	398.460	392.759	5.701
2004	138381	29503.602	29119.788	383.815	0.277	1.301	1757.38	374.682	369.808	4.874
2005	135881	29077.894	28725.533	352.361	0.259	1.212	1704.85	364.830	360.409	4.421
2006	131922	28385.448	28061.049	324.399	0.246	1.143	1639.21	352.707	348.676	4.031
2007	126502	27327.625	26998.988	328.637	0.260	1.203	1554.75	335.866	331.826	4.039
2008	125859	27025.472	26649.856	375.616	0.298	1.390	1528.44	328.199	323.638	4.562
2009	122428	26361.626	25948.951	412.675	0.337	1.565	1468.33	316.165	311.216	4.949

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	632487.225	5869.448	0.196	0.919	2024.64	431.261	427.296	3.965

****

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_17_Vary_parameter_combinations.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	4486.888	1.095	0.003	0.024	504.630	69.431	69.414	0.017
1992	32100	4371.196	4361.982	9.214	0.029	0.211	488.154	66.474	66.334	0.140
1993	32896	4414.136	4390.814	23.322	0.071	0.528	491.442	65.944	65.596	0.348
1994	33323	4474.895	4441.176	33.719	0.101	0.754	488.625	65.617	65.122	0.494
1995	33569	4476.290	4426.991	49.299	0.147	1.101	482.855	64.387	63.678	0.709
1996	33870	4489.078	4425.769	63.310	0.187	1.410	479.723	63.582	62.685	0.897
1997	33516	4444.866	4364.206	80.661	0.241	1.815	467.113	61.948	60.824	1.124
1998	32795	4313.427	4242.021	71.406	0.218	1.655	449.682	59.145	58.166	0.979
1999	33375	4232.739	4147.172	85.566	0.256	2.022	450.521	57.137	55.982	1.155
2000	33459	4307.577	4233.846	73.731	0.220	1.712	445.090	57.302	56.321	0.981
2001	32275	4136.308	4072.012	64.297	0.199	1.554	423.792	54.312	53.468	0.844
2002	31586	4079.175	4026.578	52.596	0.167	1.289	410.041	52.955	52.272	0.683
2003	30985	4096.221	4025.551	70.670	0.228	1.725	397.934	52.607	51.699	0.908
2004	29884	4034.217	3978.884	55.333	0.185	1.372	379.513	51.233	50.530	0.703
2005	28708	3944.303	3898.607	45.696	0.159	1.159	360.189	49.488	48.914	0.573
2006	28188	3970.169	3927.578	42.592	0.151	1.073	350.253	49.332	48.803	0.529
2007	28026	3957.558	3907.189	50.368	0.180	1.273	344.449	48.640	48.021	0.619
2008	27128	3812.302	3770.347	41.955	0.155	1.101	329.444	46.297	45.787	0.509
2009	27068	3827.467	3769.867	57.600	0.213	1.505	324.637	45.904	45.213	0.691

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	83485.073	972.430	0.155	1.151	424.421	57.058	56.401	0.657

****

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	19504.324	4.106	0.012	0.021	527.418	301.804	301.741	0.064
1992	33942	19373.324	19361.624	11.700	0.034	0.060	516.166	294.616	294.438	0.178
1993	35913	20512.169	20491.562	20.606	0.057	0.100	536.514	306.437	306.129	0.308
1994	35074	19906.392	19877.662	28.731	0.082	0.144	514.300	291.893	291.472	0.421
1995	34669	19512.784	19469.622	43.162	0.124	0.221	498.677	280.671	280.050	0.621
1996	34582	19294.631	19235.865	58.766	0.170	0.305	489.808	273.283	272.450	0.832
1997	35267	19490.717	19442.410	48.306	0.137	0.248	491.517	271.643	270.969	0.673
1998	35675	19571.902	19475.507	96.395	0.270	0.493	489.172	268.368	267.046	1.322
1999	38516	21022.469	20863.257	159.211	0.413	0.757	519.919	283.777	281.628	2.149
2000	36283	19687.992	19490.634	197.358	0.544	1.002	482.656	261.900	259.275	2.625
2001	36281	19625.032	19414.143	210.889	0.581	1.075	476.394	257.690	254.921	2.769
2002	35983	19408.801	19164.321	244.480	0.679	1.260	467.122	251.960	248.786	3.174
2003	36205	19481.360	19268.020	213.340	0.589	1.095	464.974	250.195	247.455	2.740
2004	34611	18541.224	18356.971	184.253	0.532	0.994	439.544	235.465	233.125	2.340
2005	36826	19692.114	19514.489	177.625	0.482	0.902	462.043	247.070	244.841	2.229
2006	34350	18220.663	18089.107	131.556	0.383	0.722	426.820	226.403	224.768	1.635
2007	35326	18620.282	18525.588	94.694	0.268	0.509	434.168	228.849	227.686	1.164
2008	38248	20183.701	20023.748	159.953	0.418	0.792	464.487	245.112	243.170	1.942
2009	36902	19371.930	19215.324	156.606	0.424	0.808	442.580	232.335	230.457	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	712738	390440.974	388199.237	2241.737	0.315	0.574	481.512	263.774	262.260	1.514

Results for PHIM for Run 32 (APPENDIX_17_Vary_parameter_combinations.RTF)

System Date and Time: 20160418_100729
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)	0.5
9. The effective dose for Dual use (G)	FROMF
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	RUN16
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_17_Vary_parameter_combinations
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_17_Vary_parameter_combinations.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: 32, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN16

		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	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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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	1-3	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	1-3	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	1-3	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	1-3	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	1-3	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	1-3	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	1-3	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000
10-14	4+	0.004000	0.000400	0.000250	0.004000	0.000200	0.000250
15-19	4+	0.004000	0.000400	0.000750	0.004000	0.000200	0.000750
20-24	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
25-29	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
30-34	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
35-39	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
40-44	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
45-49	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
50-54	4+	0.004000	0.000400	0.001000	0.004000	0.000200	0.001000
55-59	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
60-64	4+	0.004000	0.000400	0.001250	0.004000	0.000200	0.001250
65-69	4+	0.004000	0.000400	0.001500	0.004000	0.000200	0.001500
70-74	4+	0.004000	0.000400	0.001750	0.004000	0.000200	0.001750
75-79	4+	0.004000	0.000400	0.002000	0.004000	0.000200	0.002000

Results for PHIM for Run 32 (APPENDIX_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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_17_Vary_parameter_combinations.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: 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_17_Vary_parameter_combinations.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	4882.00	53.77					
5	All Ages	Current CC	2044.00	22.51	114.00	5.14			
5	All Ages	Current MRTP	106.00	1.17					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1979.00	21.80			14.88	111.00	5.61

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	263.00	88.26					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
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 32 (APPENDIX_17_Vary_parameter_combinations.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	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
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	457.00	54.99					
5	25-29	Current CC	206.00	24.79	9.00	3.80			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	12.00	1.44					
5	25-29	Former	137.00	16.49			5.36	15.00	10.95
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	516.00	51.65					
5	30-34	Current CC	284.00	28.43	13.00	4.29			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
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	550.00	49.02					
5	35-39	Current CC	305.00	27.18	10.00	3.00			
5	35-39	Current MRTP	19.00	1.69					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	239.00	21.30			8.49	15.00	6.28
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	489.00	50.41					
5	40-44	Current CC	215.00	22.16	9.00	3.91			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	251.00	25.88			11.60	14.00	5.58
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	4.81			
5	45-49	Current MRTP	5.00	0.62					
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	147.00	23.67	8.00	5.23			
5	50-54	Current MRTP	5.00	0.81					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	167.00	26.89			15.27	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	125.00	23.36	6.00	4.69			
5	55-59	Current MRTP	2.00	0.37					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.07	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	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	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	12.00	10.62			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	163.00	30.41			21.45	7.00	4.29
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_17_Vary_parameter_combinations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	79.00	14.66	15.00	17.05			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	171.00	31.73			25.40	2.00	1.17

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	13.00	21.67			
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			28.19	1.00	0.63

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	4869.00	53.45					
10	All Ages	Current CC	1944.00	21.34	192.00	8.45			
10	All Ages	Current MRTP	199.00	2.18					
10	All Ages	Current Dual	129.00	1.42					
10	All Ages	Former	1968.00	21.61			16.56	101.00	5.13

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	632.00	77.74					
10	20-24	Current CC	146.00	17.96	0.00	0.00			
10	20-24	Current MRTP	14.00	1.72					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	9.00	1.11			3.56	3.00	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	527.00	62.44					
10	25-29	Current CC	214.00	25.36	5.00	1.84			
10	25-29	Current MRTP	32.00	3.79					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	45.00	5.33			4.87	11.00	24.44

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	423.00	50.90					
10	30-34	Current CC	196.00	23.59	14.00	5.67			
10	30-34	Current MRTP	28.00	3.37					
10	30-34	Current Dual	23.00	2.77					
10	30-34	Former	161.00	19.37			8.76	13.00	8.07

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	493.00	49.35					
10	35-39	Current CC	265.00	26.53	27.00	8.57			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	191.00	19.12			11.35	7.00	3.66

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	540.00	48.13					
10	40-44	Current CC	272.00	24.24	21.00	6.71			
10	40-44	Current MRTP	28.00	2.50					
10	40-44	Current Dual	13.00	1.16					
10	40-44	Former	269.00	23.98			11.61	15.00	5.58

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	489.00	50.41					
10	45-49	Current CC	191.00	19.69	22.00	10.19			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	265.00	27.32			15.25	10.00	3.77

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_17_Vary_parameter_combinations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	164.00	20.22	18.00	10.23			
10	50-54	Current MRTP	9.00	1.11					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	213.00	26.26			14.66	12.00	5.63
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	301.00	48.47					
10	55-59	Current CC	131.00	21.10	16.00	11.11			
10	55-59	Current MRTP	9.00	1.45					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	176.00	28.34			18.43	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	115.00	21.50	10.00	8.13			
10	60-64	Current MRTP	5.00	0.93					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	160.00	29.91			18.92	3.00	1.88
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	93.00	19.06	12.00	11.88			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	137.00	28.07			24.12	2.00	1.46
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	16.00	15.53			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	173.00	32.28			24.01	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	69.00	12.80	31.00	34.44			
10	75-79	Current MRTP	14.00	2.60					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	169.00	31.35			28.12	9.00	5.33
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	4463.00	52.08					
15	All Ages	Current CC	1717.00	20.04	246.00	11.57			
15	All Ages	Current MRTP	256.00	2.99					
15	All Ages	Current Dual	154.00	1.80					
15	All Ages	Former	1980.00	23.10			17.81	117.00	5.91
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	569.00	69.99					
15	25-29	Current CC	158.00	19.43	1.00	0.46			
15	25-29	Current MRTP	36.00	4.43					
15	25-29	Current Dual	23.00	2.83					
15	25-29	Former	27.00	3.32			3.52	12.00	44.44
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	482.00	57.11					

Results for PHIM for Run 32 (APPENDIX_17_Vary_parameter_combinations.RTF)

15	30-34	Current CC	212.00	25.12	9.00	3.08			
15	30-34	Current MRTP	46.00	5.45					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	70.00	8.29			6.53	14.00	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	409.00	49.22					
15	35-39	Current CC	177.00	21.30	25.00	10.50			
15	35-39	Current MRTP	36.00	4.33					
15	35-39	Current Dual	25.00	3.01					
15	35-39	Former	184.00	22.14			11.73	8.00	4.35
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	489.00	48.95					
15	40-44	Current CC	238.00	23.82	37.00	12.42			
15	40-44	Current MRTP	35.00	3.50					
15	40-44	Current Dual	25.00	2.50					
15	40-44	Former	212.00	21.22			14.22	12.00	5.66
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	540.00	48.13					
15	45-49	Current CC	241.00	21.48	28.00	9.72			
15	45-49	Current MRTP	33.00	2.94					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	294.00	26.20			14.78	13.00	4.42
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	489.00	50.41					
15	50-54	Current CC	169.00	17.42	33.00	16.50			
15	50-54	Current MRTP	18.00	1.86					
15	50-54	Current Dual	13.00	1.34					
15	50-54	Former	281.00	28.97			18.27	13.00	4.63
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	24.00	14.81			
15	55-59	Current MRTP	8.00	0.99					
15	55-59	Current Dual	4.00	0.49					
15	55-59	Former	227.00	27.99			17.70	12.00	5.29
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	113.00	18.20	21.00	16.15			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	190.00	30.60			20.96	8.00	4.21
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	104.00	19.44	22.00	19.30			
15	65-69	Current MRTP	8.00	1.50					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	169.00	31.59			21.63	7.00	4.14
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	79.00	16.19	17.00	18.89			
15	70-74	Current MRTP	8.00	1.64					
15	70-74	Current Dual	3.00	0.61					
15	70-74	Former	148.00	30.33			25.36	6.00	4.05
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	76.00	14.18	29.00	29.59			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	178.00	33.21			26.17	12.00	6.74
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	4144.00	51.58					
20	All Ages	Current CC	1513.00	18.83	273.00	14.12			

Results for PHIM for Run 32 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	All Ages	Current MRTP	276.00	3.44					
20	All Ages	Current Dual	145.00	1.80					
20	All Ages	Former	1956.00	24.35			19.43	96.00	4.91

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	536.00	65.93					
20	30-34	Current CC	162.00	19.93	3.00	1.29			
20	30-34	Current MRTP	47.00	5.78					
20	30-34	Current Dual	24.00	2.95					
20	30-34	Former	44.00	5.41			6.02	6.00	13.64

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	466.00	55.21					
20	35-39	Current CC	191.00	22.63	11.00	4.04			
20	35-39	Current MRTP	53.00	6.28					
20	35-39	Current Dual	28.00	3.32					
20	35-39	Former	106.00	12.56			7.83	19.00	17.92

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	399.00	48.01					
20	40-44	Current CC	165.00	19.86	31.00	13.48			
20	40-44	Current MRTP	39.00	4.69					
20	40-44	Current Dual	26.00	3.13					
20	40-44	Former	202.00	24.31			14.98	5.00	2.48

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	48.95					
20	45-49	Current CC	225.00	22.52	41.00	14.54			
20	45-49	Current MRTP	37.00	3.70					
20	45-49	Current Dual	20.00	2.00					
20	45-49	Former	228.00	22.82			17.21	8.00	3.51

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	540.00	48.13					
20	50-54	Current CC	220.00	19.61	35.00	13.21			
20	50-54	Current MRTP	31.00	2.76					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	317.00	28.25			17.61	14.00	4.42

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	489.00	50.41					
20	55-59	Current CC	155.00	15.98	39.00	20.97			
20	55-59	Current MRTP	17.00	1.75					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	295.00	30.41			21.21	9.00	3.05

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	32.00	21.05			
20	60-64	Current MRTP	18.00	2.22					

Results for PHIM for Run 32 (APPENDIX_17_Vary_parameter_combinations.RTF)

20	60-64	Current Dual	5.00	0.62					
20	60-64	Former	237.00	29.22			20.76	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	105.00	16.91	29.00	23.20			
20	65-69	Current MRTP	14.00	2.25					
20	65-69	Current Dual	6.00	0.97					
20	65-69	Former	195.00	31.40			24.20	5.00	2.56

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	92.00	17.20	27.00	25.47			
20	70-74	Current MRTP	10.00	1.87					
20	70-74	Current Dual	4.00	0.75					
20	70-74	Former	177.00	33.08			24.77	7.00	3.95

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	69.00	14.14	25.00	30.12			
20	75-79	Current MRTP	10.00	2.05					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	155.00	31.76			26.47	11.00	7.10

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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	59122.873	4.988	0.003	0.008	2826.86	839.248	839.177	0.071
1992	198532	60226.142	60229.392	-3.250	-0.002	-0.005	2778.64	842.922	842.968	-0.045
1993	202512	62332.320	62339.262	-6.942	-0.003	-0.011	2793.47	859.818	859.913	-0.096
1994	200658	62691.239	62721.737	-30.498	-0.015	-0.049	2725.82	851.622	852.037	-0.414
1995	201023	63132.954	63185.322	-52.368	-0.026	-0.083	2687.54	844.043	844.743	-0.700
1996	201180	64309.880	64514.155	-204.275	-0.102	-0.318	2653.67	848.280	850.974	-2.694
1997	198639	64547.894	64797.792	-249.899	-0.126	-0.387	2583.39	839.475	842.725	-3.250
1998	197573	65384.866	65642.164	-257.298	-0.130	-0.394	2533.29	838.367	841.666	-3.299
1999	211329	67554.762	67768.996	-214.234	-0.101	-0.317	2673.14	854.513	857.223	-2.710
2000	208496	68184.366	68391.656	-207.290	-0.099	-0.304	2604.20	851.652	854.241	-2.589
2001	203606	68286.060	68409.214	-123.153	-0.060	-0.180	2514.65	843.372	844.893	-1.521
2002	200828	68983.996	69188.252	-204.256	-0.102	-0.296	2455.47	843.450	845.948	-2.497
2003	196352	68717.830	68787.656	-69.826	-0.036	-0.102	2377.49	832.057	832.903	-0.845
2004	188160	67344.952	67196.460	148.492	0.079	0.220	2254.66	806.974	805.194	1.779
2005	186416	67846.650	67583.545	263.105	0.141	0.388	2208.07	803.634	800.517	3.116
2006	180088	66622.465	65996.779	625.686	0.347	0.939	2113.55	781.893	774.550	7.343
2007	175644	65977.201	65213.510	763.691	0.435	1.158	2039.92	766.256	757.387	8.869
2008	177570	67121.344	66329.189	792.154	0.446	1.180	2039.03	770.751	761.655	9.096
2009	172806	66622.993	65615.049	1007.944	0.583	1.513	1961.22	756.123	744.683	11.439

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	1300333.593	1982.771	0.051	0.152	2465.77	823.300	822.047	1.253

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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_17_Vary_parameter_combinations.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	31527.047	2.971	0.007	0.009	620.154	447.530	447.488	0.042
1992	45423	32811.446	32812.224	-0.777	-0.002	-0.002	635.738	459.227	459.238	-0.011
1993	46291	33467.735	33470.397	-2.662	-0.006	-0.008	638.542	461.657	461.694	-0.037
1994	47017	33989.389	34001.909	-12.521	-0.027	-0.037	638.697	461.725	461.895	-0.170
1995	47840	34566.580	34586.962	-20.382	-0.043	-0.059	639.587	462.131	462.403	-0.272
1996	48244	34997.958	35068.890	-70.933	-0.147	-0.203	636.363	461.641	462.576	-0.936
1997	49035	35549.658	35633.199	-83.541	-0.170	-0.235	637.723	462.340	463.426	-1.086
1998	49686	36138.033	36233.846	-95.813	-0.193	-0.265	637.076	463.363	464.592	-1.229
1999	48883	35506.142	35592.401	-86.259	-0.176	-0.243	618.331	449.124	450.215	-1.091
2000	50331	36573.306	36657.721	-84.415	-0.168	-0.231	628.656	456.816	457.871	-1.054
2001	50389	36733.445	36799.747	-66.302	-0.132	-0.180	622.333	453.679	454.498	-0.819
2002	51445	37627.700	37707.662	-79.962	-0.155	-0.213	629.005	460.065	461.042	-0.978
2003	51408	37552.784	37584.476	-31.692	-0.062	-0.084	622.464	454.701	455.085	-0.384
2004	51399	37527.823	37498.186	29.637	0.058	0.079	615.898	449.684	449.329	0.355
2005	51421	37486.186	37428.628	57.558	0.112	0.154	609.074	444.018	443.337	0.682
2006	51355	37409.496	37219.218	190.278	0.371	0.509	602.712	439.045	436.812	2.233
2007	51839	37602.867	37371.693	231.175	0.446	0.615	602.056	436.718	434.033	2.685
2008	50976	36986.957	36761.644	225.312	0.442	0.609	585.355	424.719	422.132	2.587
2009	51193	37201.944	36891.509	310.436	0.606	0.834	581.003	422.215	418.692	3.523

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	711492.729	412.110	0.042	0.058	619.890	450.053	449.792	0.261

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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	12664.548	-1.568	-0.002	-0.012	1368.32	179.735	179.758	-0.022
1992	93721	12337.995	12339.606	-1.611	-0.002	-0.013	1311.71	172.682	172.705	-0.023
1993	93679	12401.934	12401.860	0.074	0.000	0.001	1292.22	171.073	171.072	0.001
1994	90832	12128.576	12130.771	-2.195	-0.002	-0.018	1233.90	164.759	164.789	-0.030
1995	89698	11958.696	11966.825	-8.129	-0.009	-0.068	1199.20	159.879	159.988	-0.109
1996	88286	12020.749	12065.461	-44.712	-0.051	-0.372	1164.54	158.560	159.150	-0.590
1997	84777	11593.724	11647.019	-53.295	-0.063	-0.460	1102.56	150.782	151.475	-0.693
1998	82517	11337.035	11375.459	-38.424	-0.047	-0.339	1058.04	145.364	145.857	-0.493
1999	93939	13027.458	13034.501	-7.044	-0.007	-0.054	1188.25	164.787	164.876	-0.089
2000	90039	12607.547	12624.466	-16.919	-0.019	-0.134	1124.63	157.474	157.685	-0.211
2001	86119	12350.451	12319.997	30.453	0.035	0.247	1063.62	152.535	152.159	0.376
2002	83014	12112.097	12106.289	5.808	0.007	0.048	1014.99	148.092	148.021	0.071
2003	79302	11683.252	11649.172	34.080	0.043	0.292	960.214	141.465	141.052	0.413
2004	73861	11139.095	11022.455	116.641	0.158	1.047	885.053	133.476	132.079	1.398
2005	71649	10884.683	10733.112	151.571	0.212	1.393	848.672	128.927	127.132	1.795
2006	67551	10397.565	10161.609	235.956	0.349	2.269	792.791	122.028	119.259	2.769
2007	63503	9785.831	9488.966	296.865	0.467	3.034	737.521	113.652	110.204	3.448
2008	63171	9922.524	9609.608	312.917	0.495	3.154	725.389	113.940	110.347	3.593
2009	59747	9483.598	9128.658	354.940	0.594	3.743	678.085	107.632	103.604	4.028

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	231117.142	1365.407	0.083	0.587	1043.56	146.971	146.108	0.863

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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_17_Vary_parameter_combinations.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	3115.625	0.390	0.001	0.013	461.369	44.228	44.222	0.006
1992	32560	3095.448	3096.064	-0.616	-0.002	-0.020	455.708	43.324	43.332	-0.009
1993	32768	3114.516	3116.557	-2.041	-0.006	-0.066	452.005	42.962	42.990	-0.028
1994	33005	3168.398	3171.653	-3.255	-0.010	-0.103	448.353	43.041	43.085	-0.044
1995	33730	3200.274	3206.345	-6.071	-0.018	-0.190	450.946	42.785	42.867	-0.081
1996	33750	3234.738	3250.039	-15.301	-0.045	-0.473	445.180	42.668	42.870	-0.202
1997	33699	3240.665	3270.005	-29.340	-0.087	-0.905	438.271	42.146	42.528	-0.382
1998	33274	3171.578	3192.978	-21.400	-0.064	-0.675	426.640	40.666	40.940	-0.274
1999	33891	3153.786	3163.279	-9.493	-0.028	-0.301	428.694	39.893	40.013	-0.120
2000	33827	3237.043	3238.842	-1.799	-0.005	-0.056	422.514	40.432	40.455	-0.022
2001	32506	3110.972	3092.416	18.556	0.057	0.596	401.468	38.422	38.193	0.229
2002	32078	3123.298	3111.571	11.726	0.037	0.375	392.210	38.188	38.044	0.143
2003	30568	3025.984	3009.693	16.291	0.053	0.538	370.127	36.640	36.442	0.197
2004	29388	2983.453	2939.146	44.307	0.151	1.485	352.147	35.750	35.219	0.531
2005	27954	2926.679	2868.718	57.961	0.207	1.980	331.111	34.666	33.980	0.687
2006	27201	2889.308	2805.552	83.756	0.308	2.899	319.236	33.909	32.926	0.983
2007	26302	2810.025	2705.837	104.188	0.396	3.708	305.470	32.636	31.425	1.210
2008	25998	2773.025	2665.402	107.623	0.414	3.881	298.534	31.843	30.607	1.236
2009	25040	2723.293	2599.805	123.488	0.493	4.535	284.186	30.907	29.506	1.402

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	60812.771	478.972	0.077	0.781	394.195	38.747	38.445	0.303

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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	11815.653	3.194	0.012	0.027	377.015	167.754	167.709	0.045
1992	26828	11981.252	11981.499	-0.246	-0.001	-0.002	375.483	167.689	167.692	-0.003
1993	29774	13348.134	13350.448	-2.314	-0.008	-0.017	410.705	184.125	184.157	-0.032
1994	29804	13404.876	13417.404	-12.528	-0.042	-0.093	404.869	182.097	182.267	-0.170
1995	29755	13407.404	13425.191	-17.786	-0.060	-0.133	397.803	179.248	179.485	-0.238
1996	30900	14056.435	14129.764	-73.329	-0.237	-0.522	407.587	185.412	186.379	-0.967
1997	31128	14163.848	14247.570	-83.722	-0.269	-0.591	404.834	184.207	185.296	-1.089
1998	32096	14738.220	14839.881	-101.661	-0.317	-0.690	411.536	188.974	190.277	-1.304
1999	34616	15867.376	15978.814	-111.438	-0.322	-0.702	437.865	200.710	202.119	-1.410
2000	34299	15766.470	15870.627	-104.158	-0.304	-0.661	428.409	196.930	198.231	-1.301
2001	34592	16091.193	16197.053	-105.860	-0.306	-0.658	427.231	198.736	200.043	-1.307
2002	34291	16120.902	16262.730	-141.828	-0.414	-0.880	419.268	197.106	198.840	-1.734
2003	35074	16455.810	16544.316	-88.505	-0.252	-0.538	424.687	199.252	200.324	-1.072
2004	33512	15694.580	15736.673	-42.093	-0.126	-0.268	401.564	188.063	188.568	-0.504
2005	35392	16549.102	16553.088	-3.986	-0.011	-0.024	419.213	196.022	196.069	-0.047
2006	33981	15926.096	15810.400	115.696	0.340	0.726	398.807	186.912	185.554	1.358
2007	34000	15778.477	15647.013	131.464	0.387	0.833	394.875	183.251	181.724	1.527
2008	37425	17438.838	17292.536	146.302	0.391	0.839	429.749	200.249	198.569	1.680
2009	36826	17214.158	16995.078	219.080	0.595	1.273	417.948	195.368	192.882	2.486

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	296910.951	-273.718	-0.042	-0.092	408.132	187.528	187.702	-0.173