Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA1
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 1, Scenario: STP_NULL

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

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

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.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: 1, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET2IA1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000120	0.000120	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000420	0.000420	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000360	0.000360	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000240	0.000240	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000150	0.000150	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000240	0.000240	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000840	0.000840	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000720	0.000720	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000480	0.000480	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000300	0.000300	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	3851.00	41.96					
5	All Ages	Current CC	2460.00	26.81	145.00	5.31			
5	All Ages	Current MRTP	151.00	1.65					
5	All Ages	Current Dual	118.00	1.29					
5	All Ages	Former	2597.00	28.30			15.50	149.00	5.74

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	273.00	80.53					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	13.00	3.83					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

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

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.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	599.00	65.46					
5	20-24	Current CC	236.00	25.79	1.00	0.35			
5	20-24	Current MRTP	21.00	2.30					
5	20-24	Current Dual	27.00	2.95					
5	20-24	Former	32.00	3.50			3.00	8.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	520.00	54.28					
5	25-29	Current CC	278.00	29.02	4.00	1.24			
5	25-29	Current MRTP	26.00	2.71					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	115.00	12.00			4.89	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	489.00	45.53					
5	30-34	Current CC	352.00	32.77	9.00	2.35			
5	30-34	Current MRTP	18.00	1.68					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	336.00	31.02	14.00	3.94			
5	35-39	Current MRTP	11.00	1.02					
5	35-39	Current Dual	8.00	0.74					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3985.00	42.51					
10	All Ages	Current CC	2256.00	24.06	244.00	8.74			
10	All Ages	Current MRTP	324.00	3.46					
10	All Ages	Current Dual	211.00	2.25					
10	All Ages	Former	2599.00	27.72			17.21	163.00	6.27

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	600.00	66.96					
10	20-24	Current CC	167.00	18.64	0.00	0.00			
10	20-24	Current MRTP	62.00	6.92					
10	20-24	Current Dual	47.00	5.25					
10	20-24	Former	20.00	2.23			2.40	6.00	30.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	526.00	57.49					
10	25-29	Current CC	237.00	25.90	5.00	1.52			
10	25-29	Current MRTP	42.00	4.59					
10	25-29	Current Dual	49.00	5.36					
10	25-29	Former	61.00	6.67			4.80	18.00	29.51

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	477.00	49.79					
10	30-34	Current CC	249.00	25.99	11.00	3.28			
10	30-34	Current MRTP	52.00	5.43					
10	30-34	Current Dual	34.00	3.55					
10	30-34	Former	146.00	15.24			7.84	15.00	10.27

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	480.00	44.69					
10	35-39	Current CC	316.00	29.42	20.00	5.46			
10	35-39	Current MRTP	33.00	3.07					
10	35-39	Current Dual	17.00	1.58					
10	35-39	Former	228.00	21.23			9.90	14.00	6.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	474.00	43.77					
10	40-44	Current CC	285.00	26.32	28.00	8.70			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	13.00	1.20					
10	40-44	Former	287.00	26.50			10.95	22.00	7.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

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

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

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3773.00	42.27					
15	All Ages	Current CC	1976.00	22.14	306.00	11.69			
15	All Ages	Current MRTP	421.00	4.72					
15	All Ages	Current Dual	221.00	2.48					
15	All Ages	Former	2536.00	28.41			18.63	146.00	5.76
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	534.00	59.60					
15	25-29	Current CC	168.00	18.75	1.00	0.32			
15	25-29	Current MRTP	85.00	9.49					
15	25-29	Current Dual	57.00	6.36					
15	25-29	Former	52.00	5.80			4.06	12.00	23.08
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	496.00	54.21					

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	218.00	23.83	11.00	3.38			
15	30-34	Current MRTP	61.00	6.67					
15	30-34	Current Dual	46.00	5.03					
15	30-34	Former	94.00	10.27			6.43	19.00	20.21
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	467.00	48.75					
15	35-39	Current CC	227.00	23.70	22.00	6.88			
15	35-39	Current MRTP	56.00	5.85					
15	35-39	Current Dual	37.00	3.86					
15	35-39	Former	171.00	17.85			10.50	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	480.00	44.69					
15	40-44	Current CC	273.00	25.42	26.00	7.90			
15	40-44	Current MRTP	39.00	3.63					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	265.00	24.67			12.54	16.00	6.04
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	474.00	43.77					
15	45-49	Current CC	258.00	23.82	41.00	13.23			
15	45-49	Current MRTP	37.00	3.42					
15	45-49	Current Dual	15.00	1.39					
15	45-49	Former	299.00	27.61			14.83	10.00	3.34
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3612.00	42.86					
20	All Ages	Current CC	1638.00	19.44	354.00	15.06			

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	459.00	5.45					
20	All Ages	Current Dual	253.00	3.00					
20	All Ages	Former	2465.00	29.25			19.65	144.00	5.84
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	508.00	56.70					
20	30-34	Current CC	155.00	17.30	7.00	2.33			
20	30-34	Current MRTP	84.00	9.38					
20	30-34	Current Dual	62.00	6.92					
20	30-34	Former	87.00	9.71			6.13	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	481.00	52.57					
20	35-39	Current CC	189.00	20.66	14.00	4.55			
20	35-39	Current MRTP	70.00	7.65					
20	35-39	Current Dual	49.00	5.36					
20	35-39	Former	126.00	13.77			8.38	17.00	13.49
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	467.00	48.75					
20	40-44	Current CC	202.00	21.09	27.00	8.97			
20	40-44	Current MRTP	61.00	6.37					
20	40-44	Current Dual	38.00	3.97					
20	40-44	Former	190.00	19.83			13.49	10.00	5.26
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	480.00	44.69					
20	45-49	Current CC	249.00	23.18	34.00	11.04			
20	45-49	Current MRTP	40.00	3.72					
20	45-49	Current Dual	19.00	1.77					
20	45-49	Former	286.00	26.63			15.60	15.00	5.24
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	474.00	43.77					
20	50-54	Current CC	217.00	20.04	49.00	17.38			
20	50-54	Current MRTP	47.00	4.34					
20	50-54	Current Dual	18.00	1.66					
20	50-54	Former	327.00	30.19			17.46	15.00	4.59
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 1 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.855	33.728	0.011	0.027	4845.61	1920.39	1919.86	0.522
1992	308577	122143.718	121996.028	147.691	0.048	0.121	4692.62	1857.47	1855.23	2.246
1993	311713	123269.216	122927.815	341.401	0.110	0.277	4656.77	1841.55	1836.45	5.100
1994	305700	120480.723	119968.296	512.427	0.168	0.425	4482.57	1766.64	1759.13	7.514
1995	303225	118666.569	117913.483	753.086	0.248	0.635	4361.58	1706.89	1696.06	10.832
1996	299559	116607.195	115652.314	954.880	0.319	0.819	4242.85	1651.58	1638.06	13.525
1997	294226	114665.051	113563.148	1101.903	0.375	0.961	4100.64	1598.09	1582.73	15.357
1998	289258	113038.380	111707.645	1330.735	0.460	1.177	3966.28	1549.97	1531.72	18.247
1999	311002	117067.463	115269.707	1797.756	0.578	1.536	4198.14	1580.27	1556.00	24.267
2000	303786	114977.407	112964.804	2012.603	0.663	1.750	4041.13	1529.49	1502.72	26.773
2001	296294	113047.319	110865.388	2181.931	0.736	1.930	3890.54	1484.39	1455.74	28.650
2002	291898	111744.742	109352.360	2392.382	0.820	2.141	3789.34	1450.64	1419.58	31.057
2003	285865	110551.854	107943.064	2608.790	0.913	2.360	3671.31	1419.80	1386.29	33.504
2004	274177	107418.262	104756.070	2662.192	0.971	2.478	3481.92	1364.16	1330.35	33.809
2005	272379	107678.770	104830.391	2848.378	1.046	2.645	3417.44	1351.01	1315.27	35.738
2006	264118	104357.806	101467.517	2890.289	1.094	2.770	3281.83	1296.71	1260.80	35.914
2007	258419	102690.449	99664.879	3025.570	1.171	2.946	3176.05	1262.10	1224.91	37.185
2008	259461	103492.166	100074.259	3417.908	1.317	3.303	3150.91	1256.82	1215.31	41.507
2009	253907	101384.044	97706.172	3677.872	1.449	3.628	3045.20	1215.94	1171.83	44.110

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	2238552.157	34691.52	0.597	1.526	3927.78	1535.76	1512.32	23.437

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.912	8.874	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.219	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.756	66.355	0.084	0.106	1173.36	939.428	938.437	0.991
1994	77437	61805.804	61703.192	102.612	0.133	0.166	1135.48	906.276	904.772	1.505
1995	76904	61145.799	60992.274	153.526	0.200	0.251	1106.18	879.519	877.310	2.208
1996	76232	60385.323	60191.893	193.430	0.254	0.320	1079.72	855.277	852.537	2.740
1997	75473	59549.806	59339.106	210.700	0.279	0.354	1051.87	829.947	827.011	2.937
1998	75381	59292.315	59000.379	291.935	0.387	0.492	1033.62	813.010	809.007	4.003
1999	73159	57398.351	57036.687	361.664	0.494	0.630	987.557	774.807	769.925	4.882
2000	73784	57716.549	57271.639	444.910	0.603	0.771	981.515	767.777	761.858	5.918
2001	73294	57211.877	56712.254	499.624	0.682	0.873	962.399	751.230	744.670	6.560
2002	72442	56438.810	55886.911	551.899	0.762	0.978	940.422	732.673	725.509	7.165
2003	71942	55948.341	55367.258	581.083	0.808	1.039	923.937	718.533	711.071	7.463
2004	71301	55339.218	54728.559	610.659	0.856	1.103	905.490	702.783	695.028	7.755
2005	70964	54964.459	54328.309	636.150	0.896	1.157	890.360	689.620	681.638	7.982
2006	69658	53781.526	53147.775	633.751	0.910	1.178	865.543	668.268	660.394	7.875
2007	68565	52784.985	52125.180	659.805	0.962	1.250	842.687	648.745	640.636	8.109
2008	68226	52470.692	51703.547	767.145	1.124	1.462	828.542	637.208	627.892	9.316
2009	67509	51823.021	50989.047	833.974	1.235	1.609	809.661	621.533	611.531	10.002

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	1152349.215	7639.313	0.518	0.659	997.213	783.665	778.504	5.161

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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	IHD

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.436	19.948	0.012	0.054	2599.72	573.449	573.140	0.309
1992	164548	35863.851	35774.591	89.260	0.054	0.249	2502.33	545.392	544.035	1.357
1993	164362	35459.800	35252.288	207.512	0.126	0.585	2455.45	529.744	526.644	3.100
1994	159866	34293.631	33993.373	300.258	0.188	0.876	2344.16	502.857	498.455	4.403
1995	158083	33531.695	33100.119	431.576	0.273	1.287	2273.86	482.318	476.111	6.208
1996	154875	32438.163	31894.954	543.209	0.351	1.675	2193.60	459.443	451.749	7.694
1997	149970	31179.663	30543.998	635.664	0.424	2.039	2090.14	434.552	425.692	8.859
1998	145407	29860.736	29149.613	711.124	0.489	2.381	1993.81	409.447	399.696	9.751
1999	165952	34413.904	33413.959	999.945	0.603	2.906	2240.15	464.545	451.047	13.498
2000	160260	33265.290	32196.166	1069.124	0.667	3.214	2131.87	442.513	428.291	14.222
2001	154444	32074.102	30934.178	1139.924	0.738	3.554	2027.95	421.154	406.186	14.968
2002	151887	31817.956	30574.794	1243.163	0.818	3.907	1971.76	413.052	396.914	16.138
2003	146733	31025.931	29632.488	1393.443	0.950	4.491	1884.46	398.460	380.564	17.896
2004	138381	29503.602	28078.320	1425.282	1.030	4.831	1757.38	374.682	356.582	18.100
2005	135881	29077.894	27549.336	1528.558	1.125	5.257	1704.85	364.830	345.652	19.178
2006	131922	28385.448	26784.205	1601.243	1.214	5.641	1639.21	352.707	332.810	19.896
2007	126502	27327.625	25651.868	1675.758	1.325	6.132	1554.75	335.866	315.270	20.596
2008	125859	27025.472	25202.715	1822.757	1.448	6.745	1528.44	328.199	306.064	22.136
2009	122428	26361.626	24395.298	1966.328	1.606	7.459	1468.33	316.165	292.582	23.583

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	619552.597	18804.08	0.627	2.946	2024.64	431.261	418.557	12.704

****

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_12_Vary_starting_restarting_rates.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	4486.666	1.317	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.643	12.553	0.039	0.287	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.201	34.936	0.106	0.791	491.442	65.944	65.422	0.522
1994	33323	4474.895	4420.341	54.554	0.164	1.219	488.625	65.617	64.817	0.800
1995	33569	4476.290	4394.258	82.033	0.244	1.833	482.855	64.387	63.207	1.180
1996	33870	4489.078	4379.352	109.726	0.324	2.444	479.723	63.582	62.028	1.554
1997	33516	4444.866	4306.382	138.484	0.413	3.116	467.113	61.948	60.018	1.930
1998	32795	4313.427	4172.682	140.745	0.429	3.263	449.682	59.145	57.215	1.930
1999	33375	4232.739	4067.934	164.804	0.494	3.894	450.521	57.137	54.912	2.225
2000	33459	4307.577	4135.447	172.130	0.514	3.996	445.090	57.302	55.012	2.290
2001	32275	4136.308	3966.263	170.045	0.527	4.111	423.792	54.312	52.080	2.233
2002	31586	4079.175	3903.816	175.358	0.555	4.299	410.041	52.955	50.678	2.276
2003	30985	4096.221	3883.075	213.146	0.688	5.203	397.934	52.607	49.870	2.737
2004	29884	4034.217	3816.902	217.315	0.727	5.387	379.513	51.233	48.473	2.760
2005	28708	3944.303	3719.005	225.298	0.785	5.712	360.189	49.488	46.661	2.827
2006	28188	3970.169	3724.410	245.760	0.872	6.190	350.253	49.332	46.278	3.054
2007	28026	3957.558	3688.564	268.994	0.960	6.797	344.449	48.640	45.334	3.306
2008	27128	3812.302	3543.102	269.200	0.992	7.061	329.444	46.297	43.028	3.269
2009	27068	3827.467	3520.791	306.676	1.133	8.013	324.637	45.904	42.226	3.678

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	81454.432	3003.072	0.478	3.556	424.421	57.058	55.029	2.029

****

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

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

Note: Death rates are per million population

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

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.589	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.665	14.659	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.570	32.599	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.389	55.003	0.157	0.276	514.300	291.893	291.087	0.807
1995	34669	19512.784	19426.833	85.952	0.248	0.440	498.677	280.671	279.435	1.236
1996	34582	19294.631	19186.115	108.515	0.314	0.562	489.808	273.283	271.746	1.537
1997	35267	19490.717	19373.662	117.055	0.332	0.601	491.517	271.643	270.011	1.631
1998	35675	19571.902	19384.971	186.931	0.524	0.955	489.172	268.368	265.805	2.563
1999	38516	21022.469	20751.127	271.342	0.704	1.291	519.919	283.777	280.115	3.663
2000	36283	19687.992	19361.552	326.440	0.900	1.658	482.656	261.900	257.558	4.342
2001	36281	19625.032	19252.694	372.338	1.026	1.897	476.394	257.690	252.801	4.889
2002	35983	19408.801	18986.839	421.962	1.173	2.174	467.122	251.960	246.482	5.478
2003	36205	19481.360	19060.242	421.118	1.163	2.162	464.974	250.195	244.787	5.408
2004	34611	18541.224	18132.289	408.935	1.182	2.206	439.544	235.465	230.272	5.193
2005	36826	19692.114	19233.741	458.373	1.245	2.328	462.043	247.070	241.319	5.751
2006	34350	18220.663	17811.127	409.536	1.192	2.248	426.820	226.403	221.314	5.089
2007	35326	18620.282	18199.267	421.014	1.192	2.261	434.168	228.849	223.675	5.174
2008	38248	20183.701	19624.895	558.806	1.461	2.769	464.487	245.112	238.326	6.786
2009	36902	19371.930	18801.035	570.894	1.547	2.947	442.580	232.335	225.488	6.847

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	385195.913	5245.061	0.736	1.343	481.512	263.774	260.231	3.543

Results for PHIM for Run 2 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA1
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_12_Vary_starting_restarting_rates
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

		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 2 (APPENDIX_12_Vary_starting_restarting_rates.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		SET2IA1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000120	0.000120	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000420	0.000420	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000360	0.000360	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000240	0.000240	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000150	0.000150	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000240	0.000240	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000840	0.000840	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000720	0.000720	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000480	0.000480	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000300	0.000300	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 2 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	4854.00	53.46					
5	All Ages	Current CC	2021.00	22.26	116.00	5.19			
5	All Ages	Current MRTP	126.00	1.39					
5	All Ages	Current Dual	86.00	0.95					
5	All Ages	Former	1993.00	21.95			14.73	112.00	5.62

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	250.00	83.89					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	8.00	2.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 2 (APPENDIX_12_Vary_starting_restarting_rates.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	544.00	64.45					
5	20-24	Current CC	223.00	26.42	3.00	1.11			
5	20-24	Current MRTP	26.00	3.08					
5	20-24	Current Dual	22.00	2.61					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	455.00	54.75					
5	25-29	Current CC	205.00	24.67	9.00	3.78			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	518.00	51.85					
5	30-34	Current CC	280.00	28.03	13.00	4.35			
5	30-34	Current MRTP	9.00	0.90					
5	30-34	Current Dual	10.00	1.00					
5	30-34	Former	182.00	18.22			7.81	11.00	6.04
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	558.00	49.73					
5	35-39	Current CC	302.00	26.92	8.00	2.45			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 2 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4818.00	52.89					
10	All Ages	Current CC	1851.00	20.32	188.00	8.28			
10	All Ages	Current MRTP	257.00	2.82					
10	All Ages	Current Dual	162.00	1.78					
10	All Ages	Former	2021.00	22.19			16.15	114.00	5.64

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	577.00	70.97					
10	20-24	Current CC	135.00	16.61	0.00	0.00			
10	20-24	Current MRTP	38.00	4.67					
10	20-24	Current Dual	41.00	5.04					
10	20-24	Former	22.00	2.71			2.59	6.00	27.27

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	497.00	58.89					
10	25-29	Current CC	210.00	24.88	5.00	1.74			
10	25-29	Current MRTP	44.00	5.21					
10	25-29	Current Dual	34.00	4.03					
10	25-29	Former	59.00	6.99			4.58	17.00	28.81

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	421.00	50.66					
10	30-34	Current CC	187.00	22.50	14.00	5.65			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	30.00	3.61					
10	30-34	Former	162.00	19.49			8.84	11.00	6.79

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	503.00	50.35					
10	35-39	Current CC	254.00	25.43	26.00	8.64			
10	35-39	Current MRTP	27.00	2.70					
10	35-39	Current Dual	20.00	2.00					
10	35-39	Former	195.00	19.52			11.25	8.00	4.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	558.00	49.73					
10	40-44	Current CC	262.00	23.35	18.00	6.21			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	9.00	0.80					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 2 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4426.00	51.65					
15	All Ages	Current CC	1559.00	18.19	237.00	11.37			
15	All Ages	Current MRTP	317.00	3.70					
15	All Ages	Current Dual	208.00	2.43					
15	All Ages	Former	2060.00	24.04			17.20	133.00	6.46
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	516.00	63.47					
15	25-29	Current CC	142.00	17.47	2.00	0.79			
15	25-29	Current MRTP	59.00	7.26					
15	25-29	Current Dual	52.00	6.40					
15	25-29	Former	44.00	5.41			4.07	16.00	36.36
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	456.00	54.03					

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15	30-34	Current CC	189.00	22.39	9.00	3.01			
15	30-34	Current MRTP	64.00	7.58					
15	30-34	Current Dual	46.00	5.45					
15	30-34	Former	89.00	10.55			6.64	15.00	16.85
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	411.00	49.46					
15	35-39	Current CC	161.00	19.37	22.00	9.73			
15	35-39	Current MRTP	33.00	3.97					
15	35-39	Current Dual	32.00	3.85					
15	35-39	Former	194.00	23.35			11.45	13.00	6.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	503.00	50.35					
15	40-44	Current CC	222.00	22.22	34.00	12.19			
15	40-44	Current MRTP	32.00	3.20					
15	40-44	Current Dual	25.00	2.50					
15	40-44	Former	217.00	21.72			14.15	9.00	4.15
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	558.00	49.73					
15	45-49	Current CC	227.00	20.23	25.00	9.19			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	292.00	26.02			14.87	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4128.00	51.38					
20	All Ages	Current CC	1307.00	16.27	262.00	14.19			

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20	All Ages	Current MRTP	339.00	4.22					
20	All Ages	Current Dual	200.00	2.49					
20	All Ages	Former	2060.00	25.64			18.72	123.00	5.97
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	488.00	60.02					
20	30-34	Current CC	137.00	16.85	6.00	2.33			
20	30-34	Current MRTP	68.00	8.36					
20	30-34	Current Dual	52.00	6.40					
20	30-34	Former	68.00	8.36			6.26	13.00	19.12
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	446.00	52.84					
20	35-39	Current CC	162.00	19.19	11.00	4.00			
20	35-39	Current MRTP	70.00	8.29					
20	35-39	Current Dual	43.00	5.09					
20	35-39	Former	123.00	14.57			8.50	19.00	15.45
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	411.00	49.46					
20	40-44	Current CC	140.00	16.85	27.00	13.24			
20	40-44	Current MRTP	36.00	4.33					
20	40-44	Current Dual	28.00	3.37					
20	40-44	Former	216.00	25.99			14.69	5.00	2.31
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	503.00	50.35					
20	45-49	Current CC	200.00	20.02	38.00	14.73			
20	45-49	Current MRTP	33.00	3.30					
20	45-49	Current Dual	25.00	2.50					
20	45-49	Former	238.00	23.82			16.89	8.00	3.36
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	558.00	49.73					
20	50-54	Current CC	200.00	17.83	33.00	13.25			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	16.00	1.43					
20	50-54	Former	315.00	28.07			17.68	17.00	5.40
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 2 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 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	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.673	53.647	0.026	0.086	2793.47	859.818	859.078	0.740
1994	200658	62691.239	62616.885	74.354	0.037	0.119	2725.82	851.622	850.612	1.010
1995	201023	63132.954	63014.009	118.945	0.059	0.188	2687.54	844.043	842.453	1.590
1996	201180	64309.880	64224.086	85.794	0.043	0.133	2653.67	848.280	847.148	1.132
1997	198639	64547.894	64423.702	124.192	0.063	0.192	2583.39	839.475	837.860	1.615
1998	197573	65384.866	65138.568	246.298	0.125	0.377	2533.29	838.367	835.209	3.158
1999	211329	67554.762	67164.143	390.618	0.185	0.578	2673.14	854.513	849.572	4.941
2000	208496	68184.366	67679.854	504.512	0.242	0.740	2604.20	851.652	845.350	6.302
2001	203606	68286.060	67637.198	648.862	0.319	0.950	2514.65	843.372	835.358	8.014
2002	200828	68983.996	68264.344	719.652	0.358	1.043	2455.47	843.450	834.651	8.799
2003	196352	68717.830	67775.031	942.799	0.480	1.372	2377.49	832.057	820.642	11.416
2004	188160	67344.952	66089.902	1255.050	0.667	1.864	2254.66	806.974	791.935	15.039
2005	186416	67846.650	66374.568	1472.082	0.790	2.170	2208.07	803.634	786.197	17.437
2006	180088	66622.465	64692.116	1930.349	1.072	2.897	2113.55	781.893	759.239	22.655
2007	175644	65977.201	63704.482	2272.719	1.294	3.445	2039.92	766.256	739.861	26.395
2008	177570	67121.344	64652.004	2469.339	1.391	3.679	2039.03	770.751	742.396	28.355
2009	172806	66622.993	63809.590	2813.403	1.628	4.223	1961.22	756.123	724.193	31.930

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	1286170.888	16145.48	0.414	1.240	2465.77	823.300	813.093	10.207

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.063	10.672	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.403	11.986	0.025	0.035	638.697	461.725	461.562	0.163
1995	47840	34566.580	34544.711	21.869	0.046	0.063	639.587	462.131	461.839	0.292
1996	48244	34997.958	34994.935	3.023	0.006	0.009	636.363	461.641	461.601	0.040
1997	49035	35549.658	35535.431	14.226	0.029	0.040	637.723	462.340	462.155	0.185
1998	49686	36138.033	36093.266	44.767	0.090	0.124	637.076	463.363	462.789	0.574
1999	48883	35506.142	35439.899	66.243	0.136	0.187	618.331	449.124	448.286	0.838
2000	50331	36573.306	36470.676	102.631	0.204	0.281	628.656	456.816	455.534	1.282
2001	50389	36733.445	36595.950	137.495	0.273	0.374	622.333	453.679	451.981	1.698
2002	51445	37627.700	37461.657	166.043	0.323	0.441	629.005	460.065	458.034	2.030
2003	51408	37552.784	37311.570	241.214	0.469	0.642	622.464	454.701	451.780	2.921
2004	51399	37527.823	37183.884	343.939	0.669	0.916	615.898	449.684	445.563	4.121
2005	51421	37486.186	37085.258	400.928	0.780	1.070	609.074	444.018	439.269	4.749
2006	51355	37409.496	36835.809	573.687	1.117	1.534	602.712	439.045	432.312	6.733
2007	51839	37602.867	36902.305	700.562	1.351	1.863	602.056	436.718	428.582	8.136
2008	50976	36986.957	36251.332	735.625	1.443	1.989	585.355	424.719	416.272	8.447
2009	51193	37201.944	36321.981	879.964	1.719	2.365	581.003	422.215	412.228	9.987

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	707442.330	4462.509	0.455	0.627	619.890	450.053	447.232	2.821

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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	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.051	28.884	0.031	0.233	1292.22	171.073	170.675	0.398
1994	90832	12128.576	12082.362	46.214	0.051	0.381	1233.90	164.759	164.132	0.628
1995	89698	11958.696	11893.426	65.270	0.073	0.546	1199.20	159.879	159.007	0.873
1996	88286	12020.749	11946.617	74.132	0.084	0.617	1164.54	158.560	157.582	0.978
1997	84777	11593.724	11498.162	95.561	0.113	0.824	1102.56	150.782	149.539	1.243
1998	82517	11337.035	11189.014	148.021	0.179	1.306	1058.04	145.364	143.466	1.898
1999	93939	13027.458	12784.010	243.447	0.259	1.869	1188.25	164.787	161.707	3.079
2000	90039	12607.547	12335.074	272.473	0.303	2.161	1124.63	157.474	154.070	3.403
2001	86119	12350.451	11999.974	350.476	0.407	2.838	1063.62	152.535	148.207	4.329
2002	83014	12112.097	11727.504	384.593	0.463	3.175	1014.99	148.092	143.389	4.702
2003	79302	11683.252	11235.398	447.854	0.565	3.833	960.214	141.465	136.042	5.423
2004	73861	11139.095	10584.286	554.809	0.751	4.981	885.053	133.476	126.828	6.648
2005	71649	10884.683	10257.329	627.354	0.876	5.764	848.672	128.927	121.497	7.431
2006	67551	10397.565	9652.468	745.096	1.103	7.166	792.791	122.028	113.283	8.745
2007	63503	9785.831	8939.486	846.345	1.333	8.649	737.521	113.652	103.823	9.829
2008	63171	9922.524	9008.275	914.249	1.447	9.214	725.389	113.940	103.442	10.498
2009	59747	9483.598	8503.328	980.270	1.641	10.336	678.085	107.632	96.507	11.125

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	225650.812	6831.738	0.414	2.939	1043.56	146.971	142.652	4.319

****

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_12_Vary_starting_restarting_rates.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.387	8.129	0.025	0.261	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.265	13.134	0.040	0.415	448.353	43.041	42.862	0.178
1995	33730	3200.274	3179.576	20.698	0.061	0.647	450.946	42.785	42.509	0.277
1996	33750	3234.738	3209.408	25.331	0.075	0.783	445.180	42.668	42.334	0.334
1997	33699	3240.665	3215.288	25.377	0.075	0.783	438.271	42.146	41.816	0.330
1998	33274	3171.578	3128.991	42.587	0.128	1.343	426.640	40.666	40.120	0.546
1999	33891	3153.786	3088.385	65.401	0.193	2.074	428.694	39.893	39.066	0.827
2000	33827	3237.043	3152.404	84.639	0.250	2.615	422.514	40.432	39.375	1.057
2001	32506	3110.972	3004.353	106.619	0.328	3.427	401.468	38.422	37.105	1.317
2002	32078	3123.298	3000.922	122.376	0.381	3.918	392.210	38.188	36.692	1.496
2003	30568	3025.984	2885.813	140.171	0.459	4.632	370.127	36.640	34.942	1.697
2004	29388	2983.453	2803.861	179.593	0.611	6.020	352.147	35.750	33.598	2.152
2005	27954	2926.679	2723.075	203.605	0.728	6.957	331.111	34.666	32.254	2.412
2006	27201	2889.308	2650.417	238.891	0.878	8.268	319.236	33.909	31.106	2.804
2007	26302	2810.025	2534.130	275.895	1.049	9.818	305.470	32.636	29.431	3.204
2008	25998	2773.025	2484.672	288.353	1.109	10.399	298.534	31.843	28.531	3.311
2009	25040	2723.293	2405.615	317.678	1.269	11.665	284.186	30.907	27.302	3.605

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	59131.209	2160.534	0.346	3.525	394.195	38.747	37.382	1.366

****

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	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.172	5.962	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.855	3.021	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.296	11.108	0.037	0.083	397.803	179.248	179.099	0.149
1996	30900	14056.435	14073.126	-16.691	-0.054	-0.119	407.587	185.412	185.632	-0.220
1997	31128	14163.848	14174.821	-10.973	-0.035	-0.077	404.834	184.207	184.350	-0.143
1998	32096	14738.220	14727.296	10.924	0.034	0.074	411.536	188.974	188.834	0.140
1999	34616	15867.376	15851.849	15.527	0.045	0.098	437.865	200.710	200.513	0.196
2000	34299	15766.470	15721.700	44.769	0.131	0.284	428.409	196.930	196.371	0.559
2001	34592	16091.193	16036.921	54.272	0.157	0.337	427.231	198.736	198.065	0.670
2002	34291	16120.902	16074.261	46.640	0.136	0.289	419.268	197.106	196.536	0.570
2003	35074	16455.810	16342.249	113.561	0.324	0.690	424.687	199.252	197.877	1.375
2004	33512	15694.580	15517.871	176.709	0.527	1.126	401.564	188.063	185.946	2.117
2005	35392	16549.102	16308.906	240.196	0.679	1.451	419.213	196.022	193.177	2.845
2006	33981	15926.096	15553.421	372.675	1.097	2.340	398.807	186.912	182.538	4.374
2007	34000	15778.477	15328.561	449.916	1.323	2.851	394.875	183.251	178.025	5.225
2008	37425	17438.838	16907.725	531.113	1.419	3.046	429.749	200.249	194.151	6.099
2009	36826	17214.158	16578.666	635.492	1.726	3.692	417.948	195.368	188.156	7.212

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	293946.537	2690.696	0.417	0.907	408.132	187.528	185.827	1.701

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA2
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 3, Scenario: STP_NULL

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

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

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.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		SET2IA2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000160	0.000160	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000560	0.000560	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000480	0.000480	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000320	0.000320	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000200	0.000200	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000320	0.000320	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.001120	0.001120	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000960	0.000960	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000640	0.000640	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000400	0.000400	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	3813.00	41.55					
5	All Ages	Current CC	2460.00	26.81	145.00	5.24			
5	All Ages	Current MRTP	162.00	1.77					
5	All Ages	Current Dual	143.00	1.56					
5	All Ages	Former	2599.00	28.32			15.49	151.00	5.81

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	77.58					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	17.00	5.01					
5	18-19	Current Dual	16.00	4.72					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

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

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.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	588.00	64.26					
5	20-24	Current CC	236.00	25.79	1.00	0.34			
5	20-24	Current MRTP	25.00	2.73					
5	20-24	Current Dual	33.00	3.61					
5	20-24	Former	33.00	3.61			2.91	9.00	27.27
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	512.00	53.44					
5	25-29	Current CC	278.00	29.02	4.00	1.21			
5	25-29	Current MRTP	28.00	2.92					
5	25-29	Current Dual	25.00	2.61					
5	25-29	Former	115.00	12.00			4.89	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	483.00	44.97					
5	30-34	Current CC	352.00	32.77	9.00	2.31			
5	30-34	Current MRTP	19.00	1.77					
5	30-34	Current Dual	18.00	1.68					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	471.00	43.49					
5	35-39	Current CC	336.00	31.02	14.00	3.92			
5	35-39	Current MRTP	11.00	1.02					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	255.00	23.55			7.73	22.00	8.63
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3910.00	41.71					
10	All Ages	Current CC	2255.00	24.05	244.00	8.54			
10	All Ages	Current MRTP	365.00	3.89					
10	All Ages	Current Dual	238.00	2.54					
10	All Ages	Former	2607.00	27.81			17.16	168.00	6.44

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	575.00	64.17					
10	20-24	Current CC	167.00	18.64	0.00	0.00			
10	20-24	Current MRTP	78.00	8.71					
10	20-24	Current Dual	53.00	5.92					
10	20-24	Former	23.00	2.57			2.09	9.00	39.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	504.00	55.08					
10	25-29	Current CC	237.00	25.90	5.00	1.43			
10	25-29	Current MRTP	59.00	6.45					
10	25-29	Current Dual	53.00	5.79					
10	25-29	Former	62.00	6.78			4.81	18.00	29.03

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	462.00	48.23					
10	30-34	Current CC	248.00	25.89	11.00	3.17			
10	30-34	Current MRTP	58.00	6.05					
10	30-34	Current Dual	41.00	4.28					
10	30-34	Former	149.00	15.55			7.70	17.00	11.41

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	470.00	43.76					
10	35-39	Current CC	316.00	29.42	20.00	5.32			
10	35-39	Current MRTP	35.00	3.26					
10	35-39	Current Dual	25.00	2.33					
10	35-39	Former	228.00	21.23			9.90	14.00	6.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	471.00	43.49					
10	40-44	Current CC	285.00	26.32	28.00	8.64			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	15.00	1.39					
10	40-44	Former	288.00	26.59			10.93	22.00	7.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

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

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

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3681.00	41.23					
15	All Ages	Current CC	1977.00	22.15	308.00	11.44			
15	All Ages	Current MRTP	469.00	5.25					
15	All Ages	Current Dual	247.00	2.77					
15	All Ages	Former	2553.00	28.60			18.53	155.00	6.07
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	497.00	55.47					
15	25-29	Current CC	168.00	18.75	2.00	0.59			
15	25-29	Current MRTP	107.00	11.94					
15	25-29	Current Dual	65.00	7.25					
15	25-29	Former	59.00	6.58			3.83	15.00	25.42
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	470.00	51.37					

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15	30-34	Current CC	218.00	23.83	11.00	3.18			
15	30-34	Current MRTP	77.00	8.42					
15	30-34	Current Dual	51.00	5.57					
15	30-34	Former	99.00	10.82			6.23	23.00	23.23
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	451.00	47.08					
15	35-39	Current CC	227.00	23.70	22.00	6.63			
15	35-39	Current MRTP	65.00	6.78					
15	35-39	Current Dual	40.00	4.18					
15	35-39	Former	175.00	18.27			10.35	20.00	11.43
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	470.00	43.76					
15	40-44	Current CC	274.00	25.51	27.00	7.96			
15	40-44	Current MRTP	40.00	3.72					
15	40-44	Current Dual	25.00	2.33					
15	40-44	Former	265.00	24.67			12.54	16.00	6.04
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	471.00	43.49					
15	45-49	Current CC	258.00	23.82	41.00	13.14			
15	45-49	Current MRTP	37.00	3.42					
15	45-49	Current Dual	17.00	1.57					
15	45-49	Former	300.00	27.70			14.82	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3509.00	41.64					
20	All Ages	Current CC	1636.00	19.41	355.00	14.65			

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	504.00	5.98					
20	All Ages	Current Dual	283.00	3.36					
20	All Ages	Former	2495.00	29.61			19.48	150.00	6.01
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	463.00	51.67					
20	30-34	Current CC	153.00	17.08	7.00	2.10			
20	30-34	Current MRTP	108.00	12.05					
20	30-34	Current Dual	72.00	8.04					
20	30-34	Former	100.00	11.16			5.98	16.00	16.00
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	452.00	49.40					
20	35-39	Current CC	188.00	20.55	14.00	4.27			
20	35-39	Current MRTP	84.00	9.18					
20	35-39	Current Dual	56.00	6.12					
20	35-39	Former	135.00	14.75			8.15	19.00	14.07
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	451.00	47.08					
20	40-44	Current CC	202.00	21.09	27.00	8.65			
20	40-44	Current MRTP	69.00	7.20					
20	40-44	Current Dual	41.00	4.28					
20	40-44	Former	195.00	20.35			13.34	10.00	5.13
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	470.00	43.76					
20	45-49	Current CC	250.00	23.28	35.00	11.08			
20	45-49	Current MRTP	39.00	3.63					
20	45-49	Current Dual	27.00	2.51					
20	45-49	Former	288.00	26.82			15.50	17.00	5.90
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	471.00	43.49					
20	50-54	Current CC	217.00	20.04	49.00	17.25			
20	50-54	Current MRTP	47.00	4.34					
20	50-54	Current Dual	20.00	1.85					
20	50-54	Former	328.00	30.29			17.46	15.00	4.57
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

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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	124098.855	33.728	0.011	0.027	4845.61	1920.39	1919.86	0.522
1992	308577	122143.718	121996.135	147.583	0.048	0.121	4692.62	1857.47	1855.23	2.244
1993	311713	123269.216	122928.632	340.584	0.109	0.276	4656.77	1841.55	1836.46	5.088
1994	305700	120480.723	119970.086	510.637	0.167	0.424	4482.57	1766.64	1759.16	7.488
1995	303225	118666.569	117915.983	750.586	0.248	0.633	4361.58	1706.89	1696.10	10.796
1996	299559	116607.195	115655.835	951.360	0.318	0.816	4242.85	1651.58	1638.11	13.475
1997	294226	114665.051	113568.007	1097.045	0.373	0.957	4100.64	1598.09	1582.80	15.290
1998	289258	113038.380	111715.702	1322.678	0.457	1.170	3966.28	1549.97	1531.83	18.136
1999	311002	117067.463	115284.186	1783.277	0.573	1.523	4198.14	1580.27	1556.19	24.072
2000	303786	114977.407	112979.692	1997.715	0.658	1.737	4041.13	1529.49	1502.92	26.575
2001	296294	113047.319	110880.660	2166.659	0.731	1.917	3890.54	1484.39	1455.94	28.450
2002	291898	111744.742	109371.322	2373.420	0.813	2.124	3789.34	1450.64	1419.83	30.811
2003	285865	110551.854	107971.933	2579.920	0.902	2.334	3671.31	1419.80	1386.66	33.133
2004	274177	107418.262	104794.199	2624.063	0.957	2.443	3481.92	1364.16	1330.84	33.324
2005	272379	107678.770	104871.438	2807.332	1.031	2.607	3417.44	1351.01	1315.78	35.223
2006	264118	104357.806	101509.945	2847.861	1.078	2.729	3281.83	1296.71	1261.32	35.386
2007	258419	102690.449	99717.082	2973.367	1.151	2.895	3176.05	1262.10	1225.56	36.544
2008	259461	103492.166	100143.863	3348.303	1.290	3.235	3150.91	1256.82	1216.15	40.662
2009	253907	101384.044	97793.699	3590.344	1.414	3.541	3045.20	1215.94	1172.88	43.060

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	2238997.216	34246.46	0.589	1.507	3927.78	1535.76	1512.62	23.136

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.912	8.874	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.131	31.216	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.786	66.325	0.084	0.105	1173.36	939.428	938.437	0.991
1994	77437	61805.804	61703.260	102.545	0.132	0.166	1135.48	906.276	904.773	1.504
1995	76904	61145.799	60992.381	153.418	0.199	0.251	1106.18	879.519	877.312	2.207
1996	76232	60385.323	60192.068	193.255	0.254	0.320	1079.72	855.277	852.540	2.737
1997	75473	59549.806	59339.339	210.466	0.279	0.353	1051.87	829.947	827.014	2.933
1998	75381	59292.315	59000.799	291.516	0.387	0.492	1033.62	813.010	809.013	3.997
1999	73159	57398.351	57037.448	360.904	0.493	0.629	987.557	774.807	769.935	4.872
2000	73784	57716.549	57272.602	443.947	0.602	0.769	981.515	767.777	761.871	5.906
2001	73294	57211.877	56713.349	498.528	0.680	0.871	962.399	751.230	744.684	6.546
2002	72442	56438.810	55888.302	550.508	0.760	0.975	940.422	732.673	725.527	7.147
2003	71942	55948.341	55369.593	578.748	0.804	1.034	923.937	718.533	711.101	7.433
2004	71301	55339.218	54732.118	607.100	0.851	1.097	905.490	702.783	695.073	7.710
2005	70964	54964.459	54332.083	632.377	0.891	1.151	890.360	689.620	681.685	7.934
2006	69658	53781.526	53151.730	629.797	0.904	1.171	865.543	668.268	660.443	7.826
2007	68565	52784.985	52130.055	654.930	0.955	1.241	842.687	648.745	640.696	8.049
2008	68226	52470.692	51710.940	759.752	1.114	1.448	828.542	637.208	627.982	9.226
2009	67509	51823.021	50999.611	823.410	1.220	1.589	809.661	621.533	611.658	9.875

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	1152390.915	7597.614	0.515	0.655	997.213	783.665	778.532	5.133

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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 Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.436	19.948	0.012	0.054	2599.72	573.449	573.140	0.309
1992	164548	35863.851	35774.681	89.170	0.054	0.249	2502.33	545.392	544.036	1.356
1993	164362	35459.800	35252.955	206.845	0.126	0.583	2455.45	529.744	526.654	3.090
1994	159866	34293.631	33994.839	298.792	0.187	0.871	2344.16	502.857	498.476	4.381
1995	158083	33531.695	33102.121	429.574	0.272	1.281	2273.86	482.318	476.140	6.179
1996	154875	32438.163	31897.795	540.367	0.349	1.666	2193.60	459.443	451.789	7.654
1997	149970	31179.663	30547.849	631.814	0.421	2.026	2090.14	434.552	425.746	8.806
1998	145407	29860.736	29155.945	704.791	0.485	2.360	1993.81	409.447	399.783	9.664
1999	165952	34413.904	33425.808	988.096	0.595	2.871	2240.15	464.545	451.207	13.338
2000	160260	33265.290	32207.887	1057.403	0.660	3.179	2131.87	442.513	428.447	14.066
2001	154444	32074.102	30946.054	1128.048	0.730	3.517	2027.95	421.154	406.342	14.812
2002	151887	31817.956	30589.652	1228.304	0.809	3.860	1971.76	413.052	397.107	15.946
2003	146733	31025.931	29654.643	1371.288	0.935	4.420	1884.46	398.460	380.849	17.611
2004	138381	29503.602	28107.326	1396.276	1.009	4.733	1757.38	374.682	356.950	17.732
2005	135881	29077.894	27580.214	1497.680	1.102	5.151	1704.85	364.830	346.039	18.791
2006	131922	28385.448	26815.813	1569.634	1.190	5.530	1639.21	352.707	333.203	19.504
2007	126502	27327.625	25690.397	1637.229	1.294	5.991	1554.75	335.866	315.743	20.122
2008	125859	27025.472	25253.268	1772.203	1.408	6.558	1528.44	328.199	306.678	21.522
2009	122428	26361.626	24457.534	1904.092	1.555	7.223	1468.33	316.165	293.329	22.837

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	619885.118	18471.56	0.616	2.894	2024.64	431.261	418.782	12.479

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

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

Results for PHIM for Run 3 (APPENDIX_12_Vary_starting_restarting_rates.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	4486.666	1.317	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.656	12.540	0.039	0.287	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.304	34.832	0.106	0.789	491.442	65.944	65.424	0.520
1994	33323	4474.895	4420.551	54.344	0.163	1.214	488.625	65.617	64.820	0.797
1995	33569	4476.290	4394.573	81.717	0.243	1.826	482.855	64.387	63.211	1.175
1996	33870	4489.078	4379.773	109.306	0.323	2.435	479.723	63.582	62.034	1.548
1997	33516	4444.866	4307.002	137.864	0.411	3.102	467.113	61.948	60.027	1.921
1998	32795	4313.427	4173.728	139.699	0.426	3.239	449.682	59.145	57.230	1.916
1999	33375	4232.739	4069.453	163.286	0.489	3.858	450.521	57.137	54.933	2.204
2000	33459	4307.577	4137.185	170.392	0.509	3.956	445.090	57.302	55.035	2.267
2001	32275	4136.308	3968.052	168.257	0.521	4.068	423.792	54.312	52.103	2.209
2002	31586	4079.175	3905.867	173.307	0.549	4.249	410.041	52.955	50.705	2.250
2003	30985	4096.221	3886.522	209.699	0.677	5.119	397.934	52.607	49.914	2.693
2004	29884	4034.217	3821.208	213.009	0.713	5.280	379.513	51.233	48.528	2.705
2005	28708	3944.303	3723.827	220.476	0.768	5.590	360.189	49.488	46.722	2.766
2006	28188	3970.169	3729.561	240.608	0.854	6.060	350.253	49.332	46.342	2.990
2007	28026	3957.558	3694.951	262.607	0.937	6.636	344.449	48.640	45.412	3.228
2008	27128	3812.302	3551.578	260.723	0.961	6.839	329.444	46.297	43.131	3.166
2009	27068	3827.467	3531.188	296.279	1.095	7.741	324.637	45.904	42.351	3.553

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81507.241	2950.262	0.470	3.493	424.421	57.058	55.065	1.993

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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	19504.841	3.589	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.668	14.656	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.587	32.582	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.437	54.956	0.157	0.276	514.300	291.893	291.087	0.806
1995	34669	19512.784	19426.908	85.877	0.248	0.440	498.677	280.671	279.436	1.235
1996	34582	19294.631	19186.199	108.432	0.314	0.562	489.808	273.283	271.747	1.536
1997	35267	19490.717	19373.816	116.901	0.331	0.600	491.517	271.643	270.013	1.629
1998	35675	19571.902	19385.229	186.673	0.523	0.954	489.172	268.368	265.808	2.560
1999	38516	21022.469	20751.478	270.991	0.704	1.289	519.919	283.777	280.119	3.658
2000	36283	19687.992	19362.017	325.974	0.898	1.656	482.656	261.900	257.564	4.336
2001	36281	19625.032	19253.205	371.826	1.025	1.895	476.394	257.690	252.807	4.882
2002	35983	19408.801	18987.500	421.301	1.171	2.171	467.122	251.960	246.491	5.469
2003	36205	19481.360	19061.175	420.185	1.161	2.157	464.974	250.195	244.799	5.396
2004	34611	18541.224	18133.546	407.678	1.178	2.199	439.544	235.465	230.288	5.177
2005	36826	19692.114	19235.314	456.799	1.240	2.320	462.043	247.070	241.339	5.731
2006	34350	18220.663	17812.841	407.822	1.187	2.238	426.820	226.403	221.335	5.067
2007	35326	18620.282	18201.679	418.602	1.185	2.248	434.168	228.849	223.705	5.145
2008	38248	20183.701	19628.077	555.624	1.453	2.753	464.487	245.112	238.365	6.748
2009	36902	19371.930	18805.365	566.564	1.535	2.925	442.580	232.335	225.540	6.795

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	385213.942	5227.032	0.733	1.339	481.512	263.774	260.243	3.531

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA2
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_12_Vary_starting_restarting_rates
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

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

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.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: 4, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET2IA2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000160	0.000160	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000560	0.000560	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000480	0.000480	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000320	0.000320	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000200	0.000200	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000320	0.000320	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.001120	0.001120	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000960	0.000960	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000640	0.000640	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000400	0.000400	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	4813.00	53.01					
5	All Ages	Current CC	2020.00	22.25	116.00	5.11			
5	All Ages	Current MRTP	149.00	1.64					
5	All Ages	Current Dual	103.00	1.13					
5	All Ages	Former	1995.00	21.97			14.72	112.00	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	243.00	81.54					
5	18-19	Current CC	30.00	10.07	0.00	0.00			
5	18-19	Current MRTP	14.00	4.70					
5	18-19	Current Dual	10.00	3.36					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.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	527.00	62.44					
5	20-24	Current CC	223.00	26.42	3.00	1.04			
5	20-24	Current MRTP	34.00	4.03					
5	20-24	Current Dual	31.00	3.67					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	446.00	53.67					
5	25-29	Current CC	205.00	24.67	9.00	3.64			
5	25-29	Current MRTP	23.00	2.77					
5	25-29	Current Dual	19.00	2.29					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	514.00	51.45					
5	30-34	Current CC	280.00	28.03	13.00	4.30			
5	30-34	Current MRTP	13.00	1.30					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	183.00	18.32			7.78	11.00	6.01
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	554.00	49.38					
5	35-39	Current CC	302.00	26.92	8.00	2.43			
5	35-39	Current MRTP	15.00	1.34					
5	35-39	Current Dual	12.00	1.07					
5	35-39	Former	239.00	21.30			8.47	16.00	6.69
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4736.00	51.99					
10	All Ages	Current CC	1846.00	20.27	188.00	8.01			
10	All Ages	Current MRTP	302.00	3.32					
10	All Ages	Current Dual	200.00	2.20					
10	All Ages	Former	2025.00	22.23			16.13	112.00	5.53

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	554.00	68.14					
10	20-24	Current CC	131.00	16.11	0.00	0.00			
10	20-24	Current MRTP	58.00	7.13					
10	20-24	Current Dual	48.00	5.90					
10	20-24	Former	22.00	2.71			2.77	5.00	22.73

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	466.00	55.21					
10	25-29	Current CC	209.00	24.76	5.00	1.56			
10	25-29	Current MRTP	54.00	6.40					
10	25-29	Current Dual	57.00	6.75					
10	25-29	Former	58.00	6.87			4.64	16.00	27.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	404.00	48.62					
10	30-34	Current CC	187.00	22.50	14.00	5.32			
10	30-34	Current MRTP	37.00	4.45					
10	30-34	Current Dual	39.00	4.69					
10	30-34	Former	164.00	19.74			8.78	11.00	6.71

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	496.00	49.65					
10	35-39	Current CC	254.00	25.43	26.00	8.50			
10	35-39	Current MRTP	35.00	3.50					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	197.00	19.72			11.19	8.00	4.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	554.00	49.38					
10	40-44	Current CC	262.00	23.35	18.00	6.14			
10	40-44	Current MRTP	20.00	1.78					
10	40-44	Current Dual	11.00	0.98					
10	40-44	Former	275.00	24.51			11.35	18.00	6.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4327.00	50.49					
15	All Ages	Current CC	1554.00	18.13	237.00	10.92			
15	All Ages	Current MRTP	372.00	4.34					
15	All Ages	Current Dual	244.00	2.85					
15	All Ages	Former	2073.00	24.19			17.12	137.00	6.61
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	478.00	58.79					
15	25-29	Current CC	137.00	16.85	2.00	0.70			
15	25-29	Current MRTP	84.00	10.33					
15	25-29	Current Dual	66.00	8.12					
15	25-29	Former	48.00	5.90			3.92	19.00	39.58
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	424.00	50.24					

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	189.00	22.39	9.00	2.75			
15	30-34	Current MRTP	77.00	9.12					
15	30-34	Current Dual	61.00	7.23					
15	30-34	Former	93.00	11.02			6.44	15.00	16.13
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	393.00	47.29					
15	35-39	Current CC	161.00	19.37	22.00	9.13			
15	35-39	Current MRTP	41.00	4.93					
15	35-39	Current Dual	39.00	4.69					
15	35-39	Former	197.00	23.71			11.37	14.00	7.11
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	496.00	49.65					
15	40-44	Current CC	222.00	22.22	34.00	11.97			
15	40-44	Current MRTP	40.00	4.00					
15	40-44	Current Dual	22.00	2.20					
15	40-44	Former	219.00	21.92			14.11	9.00	4.11
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	554.00	49.38					
15	45-49	Current CC	227.00	20.23	25.00	9.06			
15	45-49	Current MRTP	32.00	2.85					
15	45-49	Current Dual	17.00	1.52					
15	45-49	Former	292.00	26.02			14.90	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4024.00	50.09					
20	All Ages	Current CC	1303.00	16.22	264.00	13.73			

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	390.00	4.85					
20	All Ages	Current Dual	230.00	2.86					
20	All Ages	Former	2087.00	25.98			18.54	131.00	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	446.00	54.86					
20	30-34	Current CC	132.00	16.24	6.00	2.08			
20	30-34	Current MRTP	91.00	11.19					
20	30-34	Current Dual	66.00	8.12					
20	30-34	Former	78.00	9.59			5.90	17.00	21.79
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	413.00	48.93					
20	35-39	Current CC	162.00	19.19	12.00	3.96			
20	35-39	Current MRTP	83.00	9.83					
20	35-39	Current Dual	58.00	6.87					
20	35-39	Former	128.00	15.17			8.36	20.00	15.63
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	393.00	47.29					
20	40-44	Current CC	141.00	16.97	28.00	13.08			
20	40-44	Current MRTP	43.00	5.17					
20	40-44	Current Dual	30.00	3.61					
20	40-44	Former	224.00	26.96			14.36	7.00	3.13
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	496.00	49.65					
20	45-49	Current CC	200.00	20.02	38.00	14.45			
20	45-49	Current MRTP	40.00	4.00					
20	45-49	Current Dual	23.00	2.30					
20	45-49	Former	240.00	24.02			16.88	8.00	3.33
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	554.00	49.38					
20	50-54	Current CC	200.00	17.83	33.00	13.15			
20	50-54	Current MRTP	34.00	3.03					
20	50-54	Current Dual	17.00	1.52					
20	50-54	Former	317.00	28.25			17.60	18.00	5.68
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 4 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 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	59119.236	8.625	0.004	0.015	2826.86	839.248	839.125	0.122
1992	198532	60226.142	60212.146	13.996	0.007	0.023	2778.64	842.922	842.726	0.196
1993	202512	62332.320	62278.877	53.442	0.026	0.086	2793.47	859.818	859.080	0.737
1994	200658	62691.239	62617.365	73.874	0.037	0.118	2725.82	851.622	850.619	1.004
1995	201023	63132.954	63014.939	118.015	0.059	0.187	2687.54	844.043	842.466	1.578
1996	201180	64309.880	64225.274	84.606	0.042	0.132	2653.67	848.280	847.164	1.116
1997	198639	64547.894	64425.087	122.807	0.062	0.190	2583.39	839.475	837.878	1.597
1998	197573	65384.866	65139.912	244.954	0.124	0.375	2533.29	838.367	835.226	3.141
1999	211329	67554.762	67166.444	388.318	0.184	0.575	2673.14	854.513	849.602	4.912
2000	208496	68184.366	67684.326	500.041	0.240	0.733	2604.20	851.652	845.406	6.246
2001	203606	68286.060	67642.626	643.435	0.316	0.942	2514.65	843.372	835.425	7.947
2002	200828	68983.996	68271.871	712.125	0.355	1.032	2455.47	843.450	834.743	8.707
2003	196352	68717.830	67783.963	933.867	0.476	1.359	2377.49	832.057	820.750	11.308
2004	188160	67344.952	66101.545	1243.407	0.661	1.846	2254.66	806.974	792.074	14.899
2005	186416	67846.650	66392.882	1453.768	0.780	2.143	2208.07	803.634	786.414	17.220
2006	180088	66622.465	64712.556	1909.909	1.061	2.867	2113.55	781.893	759.478	22.415
2007	175644	65977.201	63726.652	2250.549	1.281	3.411	2039.92	766.256	740.119	26.138
2008	177570	67121.344	64677.671	2443.673	1.376	3.641	2039.03	770.751	742.690	28.061
2009	172806	66622.993	63839.104	2783.888	1.611	4.179	1961.22	756.123	724.528	31.595

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	3900422	1302316.365	1286333.066	15983.30	0.410	1.227	2465.77	823.300	813.196	10.104

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.753	4.266	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.089	3.357	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.075	10.660	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.446	11.943	0.025	0.035	638.697	461.725	461.563	0.162
1995	47840	34566.580	34544.809	21.771	0.046	0.063	639.587	462.131	461.840	0.291
1996	48244	34997.958	34995.069	2.889	0.006	0.008	636.363	461.641	461.603	0.038
1997	49035	35549.658	35535.613	14.045	0.029	0.040	637.723	462.340	462.157	0.183
1998	49686	36138.033	36093.410	44.623	0.090	0.123	637.076	463.363	462.791	0.572
1999	48883	35506.142	35440.161	65.981	0.135	0.186	618.331	449.124	448.290	0.835
2000	50331	36573.306	36471.363	101.944	0.203	0.279	628.656	456.816	455.543	1.273
2001	50389	36733.445	36596.705	136.740	0.271	0.372	622.333	453.679	451.990	1.689
2002	51445	37627.700	37462.709	164.991	0.321	0.438	629.005	460.065	458.047	2.017
2003	51408	37552.784	37312.630	240.154	0.467	0.640	622.464	454.701	451.793	2.908
2004	51399	37527.823	37185.469	342.354	0.666	0.912	615.898	449.684	445.582	4.102
2005	51421	37486.186	37088.112	398.074	0.774	1.062	609.074	444.018	439.303	4.715
2006	51355	37409.496	36839.294	570.202	1.110	1.524	602.712	439.045	432.353	6.692
2007	51839	37602.867	36906.290	696.578	1.344	1.852	602.056	436.718	428.628	8.090
2008	50976	36986.957	36255.482	731.475	1.435	1.978	585.355	424.719	416.320	8.399
2009	51193	37201.944	36327.363	874.582	1.708	2.351	581.003	422.215	412.289	9.926

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	707468.211	4436.628	0.452	0.623	619.890	450.053	447.248	2.805

****

Main Results for E-Component Summarized over Simulations for Run: 4

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.313	-0.333	-0.000	-0.003	1368.32	179.735	179.740	-0.005
1992	93721	12337.995	12331.120	6.876	0.007	0.056	1311.71	172.682	172.586	0.096
1993	93679	12401.934	12373.163	28.771	0.031	0.232	1292.22	171.073	170.677	0.397
1994	90832	12128.576	12082.609	45.967	0.051	0.379	1233.90	164.759	164.135	0.624
1995	89698	11958.696	11893.928	64.768	0.072	0.542	1199.20	159.879	159.013	0.866
1996	88286	12020.749	11947.203	73.546	0.083	0.612	1164.54	158.560	157.590	0.970
1997	84777	11593.724	11498.792	94.931	0.112	0.819	1102.56	150.782	149.547	1.235
1998	82517	11337.035	11189.586	147.449	0.179	1.301	1058.04	145.364	143.473	1.891
1999	93939	13027.458	12785.049	242.409	0.258	1.861	1188.25	164.787	161.721	3.066
2000	90039	12607.547	12337.272	270.275	0.300	2.144	1124.63	157.474	154.098	3.376
2001	86119	12350.451	12002.815	347.636	0.404	2.815	1063.62	152.535	148.242	4.294
2002	83014	12112.097	11731.337	380.760	0.459	3.144	1014.99	148.092	143.436	4.655
2003	79302	11683.252	11240.237	443.015	0.559	3.792	960.214	141.465	136.100	5.364
2004	73861	11139.095	10590.350	548.745	0.743	4.926	885.053	133.476	126.901	6.575
2005	71649	10884.683	10266.574	618.109	0.863	5.679	848.672	128.927	121.606	7.321
2006	67551	10397.565	9662.600	734.964	1.088	7.069	792.791	122.028	113.402	8.626
2007	63503	9785.831	8950.275	835.556	1.316	8.538	737.521	113.652	103.948	9.704
2008	63171	9922.524	9021.105	901.419	1.427	9.085	725.389	113.940	103.589	10.351
2009	59747	9483.598	8517.359	966.238	1.617	10.189	678.085	107.632	96.666	10.966

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	1650724	232482.549	225731.450	6751.099	0.409	2.904	1043.56	146.971	142.703	4.268

****

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_12_Vary_starting_restarting_rates.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	3115.536	0.479	0.001	0.015	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.935	1.513	0.005	0.049	455.708	43.324	43.303	0.021
1993	32768	3114.516	3106.451	8.065	0.025	0.259	452.005	42.962	42.851	0.111
1994	33005	3168.398	3155.420	12.979	0.039	0.410	448.353	43.041	42.864	0.176
1995	33730	3200.274	3179.840	20.435	0.061	0.639	450.946	42.785	42.512	0.273
1996	33750	3234.738	3209.775	24.964	0.074	0.772	445.180	42.668	42.339	0.329
1997	33699	3240.665	3215.736	24.928	0.074	0.769	438.271	42.146	41.822	0.324
1998	33274	3171.578	3129.469	42.109	0.127	1.328	426.640	40.666	40.126	0.540
1999	33891	3153.786	3089.061	64.725	0.191	2.052	428.694	39.893	39.074	0.819
2000	33827	3237.043	3153.604	83.439	0.247	2.578	422.514	40.432	39.390	1.042
2001	32506	3110.972	3005.672	105.300	0.324	3.385	401.468	38.422	37.122	1.301
2002	32078	3123.298	3002.841	120.457	0.376	3.857	392.210	38.188	36.715	1.473
2003	30568	3025.984	2888.012	137.972	0.451	4.560	370.127	36.640	34.969	1.671
2004	29388	2983.453	2806.800	176.653	0.601	5.921	352.147	35.750	33.633	2.117
2005	27954	2926.679	2727.352	199.327	0.713	6.811	331.111	34.666	32.305	2.361
2006	27201	2889.308	2655.232	234.076	0.861	8.101	319.236	33.909	31.162	2.747
2007	26302	2810.025	2539.417	270.608	1.029	9.630	305.470	32.636	29.493	3.143
2008	25998	2773.025	2490.676	282.349	1.086	10.182	298.534	31.843	28.600	3.242
2009	25040	2723.293	2412.293	311.000	1.242	11.420	284.186	30.907	27.378	3.530

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	59170.365	2121.379	0.340	3.461	394.195	38.747	37.406	1.341

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Main Results for E-Component Summarized over Simulations for Run: 4

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.633	4.214	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11979.003	2.249	0.008	0.019	375.483	167.689	167.658	0.031
1993	29774	13348.134	13342.187	5.947	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.891	2.985	0.010	0.022	404.869	182.097	182.057	0.041
1995	29755	13407.404	13396.363	11.042	0.037	0.082	397.803	179.248	179.100	0.148
1996	30900	14056.435	14073.227	-16.792	-0.054	-0.119	407.587	185.412	185.633	-0.222
1997	31128	14163.848	14174.946	-11.098	-0.036	-0.078	404.834	184.207	184.352	-0.144
1998	32096	14738.220	14727.447	10.773	0.034	0.073	411.536	188.974	188.836	0.138
1999	34616	15867.376	15852.174	15.203	0.044	0.096	437.865	200.710	200.517	0.192
2000	34299	15766.470	15722.086	44.383	0.129	0.282	428.409	196.930	196.376	0.554
2001	34592	16091.193	16037.434	53.759	0.155	0.334	427.231	198.736	198.072	0.664
2002	34291	16120.902	16074.985	45.917	0.134	0.285	419.268	197.106	196.545	0.561
2003	35074	16455.810	16343.084	112.727	0.321	0.685	424.687	199.252	197.887	1.365
2004	33512	15694.580	15518.925	175.655	0.524	1.119	401.564	188.063	185.958	2.105
2005	35392	16549.102	16310.844	238.258	0.673	1.440	419.213	196.022	193.200	2.822
2006	33981	15926.096	15555.430	370.666	1.091	2.327	398.807	186.912	182.561	4.350
2007	34000	15778.477	15330.670	447.808	1.317	2.838	394.875	183.251	178.050	5.201
2008	37425	17438.838	16910.408	528.430	1.412	3.030	429.749	200.249	194.181	6.068
2009	36826	17214.158	16582.090	632.068	1.716	3.672	417.948	195.368	188.195	7.174

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	293963.040	2674.193	0.414	0.902	408.132	187.528	185.838	1.691

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA3
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 5, Scenario: STP_NULL

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

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

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.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	SET2IA3

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000240	0.000240	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000840	0.000840	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000720	0.000720	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000480	0.000480	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000300	0.000300	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000480	0.000480	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.001680	0.001680	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.001440	0.001440	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000960	0.000960	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000600	0.000600	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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: 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_12_Vary_starting_restarting_rates.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	3740.00	40.75					
5	All Ages	Current CC	2459.00	26.80	145.00	5.12			
5	All Ages	Current MRTP	210.00	2.29					
5	All Ages	Current Dual	163.00	1.78					
5	All Ages	Former	2605.00	28.39			15.45	157.00	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	243.00	71.68					
5	18-19	Current CC	40.00	11.80	0.00	0.00			
5	18-19	Current MRTP	23.00	6.78					
5	18-19	Current Dual	30.00	8.85					
5	18-19	Former	3.00	0.88			1.00	2.00	66.67

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

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.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	567.00	61.97					
5	20-24	Current CC	235.00	25.68	1.00	0.32			
5	20-24	Current MRTP	45.00	4.92					
5	20-24	Current Dual	34.00	3.72					
5	20-24	Former	34.00	3.72			2.82	10.00	29.41
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	494.00	51.57					
5	25-29	Current CC	278.00	29.02	4.00	1.16			
5	25-29	Current MRTP	41.00	4.28					
5	25-29	Current Dual	26.00	2.71					
5	25-29	Former	119.00	12.42			4.74	26.00	21.85
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	475.00	44.23					
5	30-34	Current CC	353.00	32.87	9.00	2.27			
5	30-34	Current MRTP	23.00	2.14					
5	30-34	Current Dual	21.00	1.96					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	465.00	42.94					
5	35-39	Current CC	336.00	31.02	14.00	3.86			
5	35-39	Current MRTP	16.00	1.48					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	255.00	23.55			7.73	22.00	8.63
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3762.00	40.13					
10	All Ages	Current CC	2248.00	23.98	244.00	8.17			
10	All Ages	Current MRTP	437.00	4.66					
10	All Ages	Current Dual	302.00	3.22					
10	All Ages	Former	2626.00	28.01			17.05	176.00	6.70

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	517.00	57.70					
10	20-24	Current CC	161.00	17.97	0.00	0.00			
10	20-24	Current MRTP	99.00	11.05					
10	20-24	Current Dual	88.00	9.82					
10	20-24	Former	31.00	3.46			1.97	14.00	45.16

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	461.00	50.38					
10	25-29	Current CC	235.00	25.68	5.00	1.30			
10	25-29	Current MRTP	84.00	9.18					
10	25-29	Current Dual	67.00	7.32					
10	25-29	Former	68.00	7.43			4.62	20.00	29.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	432.00	45.09					
10	30-34	Current CC	248.00	25.89	11.00	2.95			
10	30-34	Current MRTP	76.00	7.93					
10	30-34	Current Dual	49.00	5.11					
10	30-34	Former	153.00	15.97			7.63	18.00	11.76

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	459.00	42.74					
10	35-39	Current CC	317.00	29.52	20.00	5.18			
10	35-39	Current MRTP	39.00	3.63					
10	35-39	Current Dual	30.00	2.79					
10	35-39	Former	229.00	21.32			9.87	14.00	6.11

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	465.00	42.94					
10	40-44	Current CC	285.00	26.32	28.00	8.48			
10	40-44	Current MRTP	28.00	2.59					
10	40-44	Current Dual	17.00	1.57					
10	40-44	Former	288.00	26.59			10.93	22.00	7.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

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

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

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3498.00	39.18					
15	All Ages	Current CC	1965.00	22.01	309.00	10.90			
15	All Ages	Current MRTP	539.00	6.04					
15	All Ages	Current Dual	332.00	3.72					
15	All Ages	Former	2593.00	29.05			18.32	160.00	6.17
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	422.00	47.10					
15	25-29	Current CC	160.00	17.86	2.00	0.51			
15	25-29	Current MRTP	126.00	14.06					
15	25-29	Current Dual	109.00	12.17					
15	25-29	Former	79.00	8.82			3.78	21.00	26.58
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	417.00	45.57					

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	214.00	23.39	11.00	2.82			
15	30-34	Current MRTP	103.00	11.26					
15	30-34	Current Dual	73.00	7.98					
15	30-34	Former	108.00	11.80			6.22	22.00	20.37
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	43.11					
15	35-39	Current CC	226.00	23.59	23.00	6.37			
15	35-39	Current MRTP	81.00	8.46					
15	35-39	Current Dual	54.00	5.64					
15	35-39	Former	184.00	19.21			10.15	20.00	10.87
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	459.00	42.74					
15	40-44	Current CC	275.00	25.61	27.00	7.76			
15	40-44	Current MRTP	44.00	4.10					
15	40-44	Current Dual	29.00	2.70					
15	40-44	Former	267.00	24.86			12.48	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	465.00	42.94					
15	45-49	Current CC	258.00	23.82	41.00	12.89			
15	45-49	Current MRTP	42.00	3.88					
15	45-49	Current Dual	18.00	1.66					
15	45-49	Former	300.00	27.70			14.82	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3314.00	39.33					
20	All Ages	Current CC	1625.00	19.28	358.00	13.90			

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	584.00	6.93					
20	All Ages	Current Dual	367.00	4.36					
20	All Ages	Former	2537.00	30.11			19.32	152.00	5.99
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	378.00	42.19					
20	30-34	Current CC	146.00	16.29	8.00	2.01			
20	30-34	Current MRTP	136.00	15.18					
20	30-34	Current Dual	116.00	12.95					
20	30-34	Former	120.00	13.39			6.41	17.00	14.17
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	397.00	43.39					
20	35-39	Current CC	186.00	20.33	15.00	3.98			
20	35-39	Current MRTP	112.00	12.24					
20	35-39	Current Dual	79.00	8.63					
20	35-39	Former	141.00	15.41			8.44	17.00	12.06
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	43.11					
20	40-44	Current CC	201.00	20.98	28.00	8.26			
20	40-44	Current MRTP	84.00	8.77					
20	40-44	Current Dual	54.00	5.64					
20	40-44	Former	206.00	21.50			13.14	11.00	5.34
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	459.00	42.74					
20	45-49	Current CC	249.00	23.18	35.00	10.87			
20	45-49	Current MRTP	42.00	3.91					
20	45-49	Current Dual	31.00	2.89					
20	45-49	Former	293.00	27.28			15.32	19.00	6.48
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	465.00	42.94					
20	50-54	Current CC	217.00	20.04	49.00	16.90			
20	50-54	Current MRTP	53.00	4.89					
20	50-54	Current Dual	20.00	1.85					
20	50-54	Former	328.00	30.29			17.46	15.00	4.57
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 5 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

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Main Results for E-Component Summarized over Simulations for Run: 5

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124099.198	33.386	0.011	0.027	4845.61	1920.39	1919.87	0.516
1992	308577	122143.718	121996.973	146.745	0.048	0.120	4692.62	1857.47	1855.24	2.232
1993	311713	123269.216	122930.027	339.189	0.109	0.275	4656.77	1841.55	1836.49	5.067
1994	305700	120480.723	119972.647	508.076	0.166	0.422	4482.57	1766.64	1759.19	7.450
1995	303225	118666.569	117919.110	747.459	0.247	0.630	4361.58	1706.89	1696.14	10.751
1996	299559	116607.195	115661.198	945.996	0.316	0.811	4242.85	1651.58	1638.19	13.399
1997	294226	114665.051	113574.561	1090.490	0.371	0.951	4100.64	1598.09	1582.89	15.198
1998	289258	113038.380	111726.379	1312.001	0.454	1.161	3966.28	1549.97	1531.98	17.990
1999	311002	117067.463	115299.112	1768.350	0.569	1.511	4198.14	1580.27	1556.40	23.871
2000	303786	114977.407	112997.718	1979.690	0.652	1.722	4041.13	1529.49	1503.16	26.335
2001	296294	113047.319	110905.462	2141.857	0.723	1.895	3890.54	1484.39	1456.26	28.124
2002	291898	111744.742	109400.055	2344.687	0.803	2.098	3789.34	1450.64	1420.20	30.438
2003	285865	110551.854	108012.936	2538.918	0.888	2.297	3671.31	1419.80	1387.19	32.607
2004	274177	107418.262	104839.820	2578.442	0.940	2.400	3481.92	1364.16	1331.42	32.745
2005	272379	107678.770	104926.220	2752.549	1.011	2.556	3417.44	1351.01	1316.47	34.535
2006	264118	104357.806	101579.831	2777.975	1.052	2.662	3281.83	1296.71	1262.19	34.518
2007	258419	102690.449	99798.768	2891.682	1.119	2.816	3176.05	1262.10	1226.56	35.540
2008	259461	103492.166	100247.231	3244.935	1.251	3.135	3150.91	1256.82	1217.41	39.407
2009	253907	101384.044	97903.711	3480.333	1.371	3.433	3045.20	1215.94	1174.20	41.741

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	2239620.918	33622.76	0.578	1.479	3927.78	1535.76	1513.04	22.715

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.922	8.864	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.161	31.186	0.040	0.050	1185.97	950.993	950.519	0.474
1993	78542	62883.111	62816.847	66.264	0.084	0.105	1173.36	939.428	938.438	0.990
1994	77437	61805.804	61703.368	102.436	0.132	0.166	1135.48	906.276	904.774	1.502
1995	76904	61145.799	60992.518	153.281	0.199	0.251	1106.18	879.519	877.314	2.205
1996	76232	60385.323	60192.358	192.965	0.253	0.320	1079.72	855.277	852.544	2.733
1997	75473	59549.806	59339.741	210.065	0.278	0.353	1051.87	829.947	827.019	2.928
1998	75381	59292.315	59001.492	290.823	0.386	0.490	1033.62	813.010	809.022	3.988
1999	73159	57398.351	57038.319	360.032	0.492	0.627	987.557	774.807	769.947	4.860
2000	73784	57716.549	57273.813	442.736	0.600	0.767	981.515	767.777	761.887	5.890
2001	73294	57211.877	56715.113	496.764	0.678	0.868	962.399	751.230	744.707	6.523
2002	72442	56438.810	55890.493	548.317	0.757	0.972	940.422	732.673	725.555	7.118
2003	71942	55948.341	55372.882	575.460	0.800	1.029	923.937	718.533	711.143	7.391
2004	71301	55339.218	54735.943	603.275	0.846	1.090	905.490	702.783	695.122	7.661
2005	70964	54964.459	54336.849	627.611	0.884	1.142	890.360	689.620	681.745	7.874
2006	69658	53781.526	53157.892	623.635	0.895	1.160	865.543	668.268	660.519	7.749
2007	68565	52784.985	52137.124	647.860	0.945	1.227	842.687	648.745	640.782	7.962
2008	68226	52470.692	51720.956	749.736	1.099	1.429	828.542	637.208	628.103	9.105
2009	67509	51823.021	51010.997	812.024	1.203	1.567	809.661	621.533	611.795	9.739

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	1152445.193	7543.335	0.511	0.650	997.213	783.665	778.569	5.096

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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	37047.721	19.663	0.012	0.053	2599.72	573.449	573.145	0.304
1992	164548	35863.851	35775.384	88.467	0.054	0.247	2502.33	545.392	544.047	1.345
1993	164362	35459.800	35254.121	205.680	0.125	0.580	2455.45	529.744	526.671	3.073
1994	159866	34293.631	33996.959	296.672	0.186	0.865	2344.16	502.857	498.507	4.350
1995	158083	33531.695	33104.638	427.057	0.270	1.274	2273.86	482.318	476.176	6.143
1996	154875	32438.163	31902.107	536.056	0.346	1.653	2193.60	459.443	451.851	7.593
1997	149970	31179.663	30552.986	626.677	0.418	2.010	2090.14	434.552	425.818	8.734
1998	145407	29860.736	29164.168	696.569	0.479	2.333	1993.81	409.447	399.896	9.551
1999	165952	34413.904	33437.692	976.212	0.588	2.837	2240.15	464.545	451.368	13.178
2000	160260	33265.290	32221.965	1043.325	0.651	3.136	2131.87	442.513	428.634	13.879
2001	154444	32074.102	30965.364	1108.738	0.718	3.457	2027.95	421.154	406.596	14.558
2002	151887	31817.956	30611.779	1206.177	0.794	3.791	1971.76	413.052	397.394	15.658
2003	146733	31025.931	29685.970	1339.962	0.913	4.319	1884.46	398.460	381.251	17.209
2004	138381	29503.602	28141.806	1361.796	0.984	4.616	1757.38	374.682	357.388	17.294
2005	135881	29077.894	27621.410	1456.484	1.072	5.009	1704.85	364.830	346.556	18.274
2006	131922	28385.448	26868.305	1517.143	1.150	5.345	1639.21	352.707	333.855	18.851
2007	126502	27327.625	25750.586	1577.039	1.247	5.771	1554.75	335.866	316.483	19.382
2008	125859	27025.472	25328.120	1697.352	1.349	6.281	1528.44	328.199	307.587	20.613
2009	122428	26361.626	24535.255	1826.371	1.492	6.928	1468.33	316.165	294.261	21.904

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	620349.231	18007.44	0.601	2.821	2024.64	431.261	419.096	12.165

****

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_12_Vary_starting_restarting_rates.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	4486.705	1.277	0.004	0.028	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.745	12.451	0.039	0.285	488.154	66.474	66.285	0.189
1993	32896	4414.136	4379.452	34.685	0.105	0.786	491.442	65.944	65.426	0.518
1994	33323	4474.895	4420.830	54.066	0.162	1.208	488.625	65.617	64.824	0.793
1995	33569	4476.290	4394.962	81.328	0.242	1.817	482.855	64.387	63.217	1.170
1996	33870	4489.078	4380.414	108.664	0.321	2.421	479.723	63.582	62.043	1.539
1997	33516	4444.866	4307.828	137.038	0.409	3.083	467.113	61.948	60.038	1.910
1998	32795	4313.427	4175.146	138.280	0.422	3.206	449.682	59.145	57.249	1.896
1999	33375	4232.739	4071.186	161.552	0.484	3.817	450.521	57.137	54.956	2.181
2000	33459	4307.577	4139.321	168.256	0.503	3.906	445.090	57.302	55.063	2.238
2001	32275	4136.308	3970.927	165.382	0.512	3.998	423.792	54.312	52.141	2.172
2002	31586	4079.175	3909.115	170.060	0.538	4.169	410.041	52.955	50.747	2.208
2003	30985	4096.221	3891.437	204.784	0.661	4.999	397.934	52.607	49.977	2.630
2004	29884	4034.217	3826.742	207.474	0.694	5.143	379.513	51.233	48.598	2.635
2005	28708	3944.303	3730.461	213.841	0.745	5.422	360.189	49.488	46.805	2.683
2006	28188	3970.169	3738.149	232.020	0.823	5.844	350.253	49.332	46.449	2.883
2007	28026	3957.558	3705.612	251.945	0.899	6.366	344.449	48.640	45.543	3.096
2008	27128	3812.302	3565.045	247.257	0.911	6.486	329.444	46.297	43.294	3.003
2009	27068	3827.467	3546.307	281.160	1.039	7.346	324.637	45.904	42.532	3.372

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

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81585.982	2871.521	0.457	3.400	424.421	57.058	55.118	1.940

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Main Results for E-Component Summarized over Simulations for Run: 5

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

Note: Death rates are per million population

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

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.850	3.581	0.011	0.018	527.418	301.804	301.749	0.055
1992	33942	19373.324	19358.684	14.640	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.608	32.561	0.091	0.159	536.514	306.437	305.950	0.486
1994	35074	19906.392	19851.491	54.902	0.157	0.276	514.300	291.893	291.088	0.805
1995	34669	19512.784	19426.992	85.792	0.247	0.440	498.677	280.671	279.437	1.234
1996	34582	19294.631	19186.319	108.311	0.313	0.561	489.808	273.283	271.748	1.534
1997	35267	19490.717	19374.007	116.710	0.331	0.599	491.517	271.643	270.016	1.627
1998	35675	19571.902	19385.573	186.329	0.522	0.952	489.172	268.368	265.813	2.555
1999	38516	21022.469	20751.915	270.553	0.702	1.287	519.919	283.777	280.125	3.652
2000	36283	19687.992	19362.619	325.373	0.897	1.653	482.656	261.900	257.572	4.328
2001	36281	19625.032	19254.058	370.973	1.022	1.890	476.394	257.690	252.819	4.871
2002	35983	19408.801	18988.668	420.133	1.168	2.165	467.122	251.960	246.506	5.454
2003	36205	19481.360	19062.647	418.713	1.157	2.149	464.974	250.195	244.818	5.377
2004	34611	18541.224	18135.328	405.897	1.173	2.189	439.544	235.465	230.310	5.155
2005	36826	19692.114	19237.501	454.613	1.234	2.309	462.043	247.070	241.366	5.704
2006	34350	18220.663	17815.485	405.178	1.180	2.224	426.820	226.403	221.368	5.035
2007	35326	18620.282	18205.445	414.837	1.174	2.228	434.168	228.849	223.751	5.098
2008	38248	20183.701	19633.111	550.589	1.440	2.728	464.487	245.112	238.426	6.686
2009	36902	19371.930	18811.152	560.778	1.520	2.895	442.580	232.335	225.609	6.726

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	385240.512	5200.462	0.730	1.332	481.512	263.774	260.261	3.513

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA3
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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		SET2IA3

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000240	0.000240	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000840	0.000840	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000720	0.000720	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000480	0.000480	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000300	0.000300	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000480	0.000480	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.001680	0.001680	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.001440	0.001440	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000960	0.000960	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000600	0.000600	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	4746.00	52.27					
5	All Ages	Current CC	2019.00	22.24	116.00	4.96			
5	All Ages	Current MRTP	180.00	1.98					
5	All Ages	Current Dual	140.00	1.54					
5	All Ages	Former	1995.00	21.97			14.72	112.00	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	232.00	77.85					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	17.00	5.70					
5	18-19	Current Dual	19.00	6.38					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.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	500.00	59.24					
5	20-24	Current CC	223.00	26.42	3.00	0.95			
5	20-24	Current MRTP	49.00	5.81					
5	20-24	Current Dual	44.00	5.21					
5	20-24	Former	28.00	3.32			2.93	9.00	32.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	435.00	52.35					
5	25-29	Current CC	205.00	24.67	9.00	3.49			
5	25-29	Current MRTP	31.00	3.73					
5	25-29	Current Dual	22.00	2.65					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	504.00	50.45					
5	30-34	Current CC	280.00	28.03	13.00	4.18			
5	30-34	Current MRTP	15.00	1.50					
5	30-34	Current Dual	16.00	1.60					
5	30-34	Former	184.00	18.42			7.73	12.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	546.00	48.66					
5	35-39	Current CC	302.00	26.92	8.00	2.37			
5	35-39	Current MRTP	18.00	1.60					
5	35-39	Current Dual	17.00	1.52					
5	35-39	Former	239.00	21.30			8.47	16.00	6.69

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75

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

Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4602.00	50.52					
10	All Ages	Current CC	1841.00	20.21	189.00	7.63			
10	All Ages	Current MRTP	370.00	4.06					
10	All Ages	Current Dual	266.00	2.92					
10	All Ages	Former	2030.00	22.29			16.10	109.00	5.37

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	506.00	62.24					
10	20-24	Current CC	125.00	15.38	0.00	0.00			
10	20-24	Current MRTP	76.00	9.35					
10	20-24	Current Dual	79.00	9.72					
10	20-24	Former	27.00	3.32			2.85	6.00	22.22

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	425.00	50.36					
10	25-29	Current CC	208.00	24.64	6.00	1.64			
10	25-29	Current MRTP	81.00	9.60					
10	25-29	Current Dual	76.00	9.00					
10	25-29	Former	54.00	6.40			4.85	12.00	22.22

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	379.00	45.61					
10	30-34	Current CC	188.00	22.62	14.00	4.86			
10	30-34	Current MRTP	53.00	6.38					
10	30-34	Current Dual	47.00	5.66					
10	30-34	Former	164.00	19.74			8.77	11.00	6.71

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	484.00	48.45					
10	35-39	Current CC	255.00	25.53	26.00	8.23			
10	35-39	Current MRTP	39.00	3.90					
10	35-39	Current Dual	22.00	2.20					
10	35-39	Former	199.00	19.92			11.12	8.00	4.02

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	546.00	48.66					
10	40-44	Current CC	262.00	23.35	18.00	6.02			
10	40-44	Current MRTP	23.00	2.05					
10	40-44	Current Dual	14.00	1.25					
10	40-44	Former	277.00	24.69			11.30	18.00	6.50

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4170.00	48.66					
15	All Ages	Current CC	1545.00	18.03	238.00	10.34			
15	All Ages	Current MRTP	442.00	5.16					
15	All Ages	Current Dual	315.00	3.68					
15	All Ages	Former	2098.00	24.48			16.96	143.00	6.82
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	418.00	51.41					
15	25-29	Current CC	129.00	15.87	2.00	0.59			
15	25-29	Current MRTP	105.00	12.92					
15	25-29	Current Dual	103.00	12.67					
15	25-29	Former	58.00	7.13			4.21	20.00	34.48
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	378.00	44.79					

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	186.00	22.04	9.00	2.46			
15	30-34	Current MRTP	106.00	12.56					
15	30-34	Current Dual	74.00	8.77					
15	30-34	Former	100.00	11.85			5.92	19.00	19.00
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	362.00	43.56					
15	35-39	Current CC	162.00	19.49	23.00	8.52			
15	35-39	Current MRTP	56.00	6.74					
15	35-39	Current Dual	52.00	6.26					
15	35-39	Former	199.00	23.95			11.27	14.00	7.04
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	484.00	48.45					
15	40-44	Current CC	223.00	22.32	34.00	11.64			
15	40-44	Current MRTP	42.00	4.20					
15	40-44	Current Dual	27.00	2.70					
15	40-44	Former	223.00	22.32			13.96	10.00	4.48
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	546.00	48.66					
15	45-49	Current CC	227.00	20.23	25.00	8.87			
15	45-49	Current MRTP	35.00	3.12					
15	45-49	Current Dual	20.00	1.78					
15	45-49	Former	294.00	26.20			14.86	14.00	4.76
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3852.00	47.95					
20	All Ages	Current CC	1294.00	16.11	268.00	13.03			

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	456.00	5.68					
20	All Ages	Current Dual	307.00	3.82					
20	All Ages	Former	2125.00	26.45			18.32	134.00	6.31
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	374.00	46.00					
20	30-34	Current CC	123.00	15.13	6.00	1.73			
20	30-34	Current MRTP	113.00	13.90					
20	30-34	Current Dual	110.00	13.53					
20	30-34	Former	93.00	11.44			6.23	18.00	19.35
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	364.00	43.13					
20	35-39	Current CC	159.00	18.84	14.00	4.11			
20	35-39	Current MRTP	107.00	12.68					
20	35-39	Current Dual	75.00	8.89					
20	35-39	Former	139.00	16.47			7.93	21.00	15.11
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	362.00	43.56					
20	40-44	Current CC	143.00	17.21	29.00	12.13			
20	40-44	Current MRTP	58.00	6.98					
20	40-44	Current Dual	38.00	4.57					
20	40-44	Former	230.00	27.68			14.08	8.00	3.48
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	484.00	48.45					
20	45-49	Current CC	201.00	20.12	39.00	14.44			
20	45-49	Current MRTP	42.00	4.20					
20	45-49	Current Dual	27.00	2.70					
20	45-49	Former	245.00	24.52			16.67	9.00	3.67
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	546.00	48.66					
20	50-54	Current CC	200.00	17.83	33.00	12.79			
20	50-54	Current MRTP	37.00	3.30					
20	50-54	Current Dual	21.00	1.87					
20	50-54	Former	318.00	28.34			17.63	17.00	5.35
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 6 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 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	59119.466	8.395	0.004	0.014	2826.86	839.248	839.128	0.119
1992	198532	60226.142	60213.044	13.098	0.007	0.022	2778.64	842.922	842.739	0.183
1993	202512	62332.320	62280.637	51.683	0.026	0.083	2793.47	859.818	859.105	0.713
1994	200658	62691.239	62619.901	71.338	0.036	0.114	2725.82	851.622	850.653	0.969
1995	201023	63132.954	63018.063	114.891	0.057	0.182	2687.54	844.043	842.507	1.536
1996	201180	64309.880	64229.605	80.275	0.040	0.125	2653.67	848.280	847.221	1.059
1997	198639	64547.894	64432.552	115.342	0.058	0.179	2583.39	839.475	837.975	1.500
1998	197573	65384.866	65148.804	236.062	0.119	0.361	2533.29	838.367	835.340	3.027
1999	211329	67554.762	67177.699	377.062	0.178	0.558	2673.14	854.513	849.744	4.770
2000	208496	68184.366	67696.108	488.258	0.234	0.716	2604.20	851.652	845.553	6.099
2001	203606	68286.060	67658.460	627.600	0.308	0.919	2514.65	843.372	835.621	7.751
2002	200828	68983.996	68297.292	686.704	0.342	0.995	2455.47	843.450	835.054	8.396
2003	196352	68717.830	67811.409	906.421	0.462	1.319	2377.49	832.057	821.082	10.975
2004	188160	67344.952	66135.781	1209.170	0.643	1.795	2254.66	806.974	792.484	14.489
2005	186416	67846.650	66429.972	1416.678	0.760	2.088	2208.07	803.634	786.853	16.780
2006	180088	66622.465	64756.147	1866.318	1.036	2.801	2113.55	781.893	759.990	21.903
2007	175644	65977.201	63787.337	2189.864	1.247	3.319	2039.92	766.256	740.823	25.433
2008	177570	67121.344	64743.205	2378.139	1.339	3.543	2039.03	770.751	743.443	27.308
2009	172806	66622.993	63919.707	2703.286	1.564	4.058	1961.22	756.123	725.442	30.680

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1286775.778	15540.59	0.398	1.193	2465.77	823.300	813.476	9.824

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.770	4.249	0.010	0.013	620.154	447.530	447.470	0.060
1992	45423	32811.446	32808.168	3.278	0.007	0.010	635.738	459.227	459.182	0.046
1993	46291	33467.735	33457.223	10.512	0.023	0.031	638.542	461.657	461.512	0.145
1994	47017	33989.389	33977.675	11.714	0.025	0.034	638.697	461.725	461.566	0.159
1995	47840	34566.580	34545.119	21.461	0.045	0.062	639.587	462.131	461.844	0.287
1996	48244	34997.958	34995.566	2.392	0.005	0.007	636.363	461.641	461.609	0.032
1997	49035	35549.658	35536.668	12.990	0.026	0.037	637.723	462.340	462.171	0.169
1998	49686	36138.033	36094.799	43.234	0.087	0.120	637.076	463.363	462.809	0.554
1999	48883	35506.142	35441.778	64.364	0.132	0.181	618.331	449.124	448.310	0.814
2000	50331	36573.306	36473.127	100.179	0.199	0.274	628.656	456.816	455.565	1.251
2001	50389	36733.445	36599.268	134.177	0.266	0.365	622.333	453.679	452.022	1.657
2002	51445	37627.700	37467.356	160.344	0.312	0.426	629.005	460.065	458.104	1.960
2003	51408	37552.784	37317.874	234.910	0.457	0.626	622.464	454.701	451.857	2.844
2004	51399	37527.823	37191.818	336.006	0.654	0.895	615.898	449.684	445.658	4.026
2005	51421	37486.186	37094.806	391.380	0.761	1.044	609.074	444.018	439.383	4.636
2006	51355	37409.496	36847.979	561.517	1.093	1.501	602.712	439.045	432.455	6.590
2007	51839	37602.867	36919.802	683.066	1.318	1.817	602.056	436.718	428.785	7.933
2008	50976	36986.957	36269.402	717.555	1.408	1.940	585.355	424.719	416.480	8.240
2009	51193	37201.944	36345.473	856.472	1.673	2.302	581.003	422.215	412.495	9.720

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	707555.040	4349.799	0.444	0.611	619.890	450.053	447.303	2.750

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Main Results for E-Component Summarized over Simulations for Run: 6

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.465	-0.485	-0.001	-0.004	1368.32	179.735	179.742	-0.007
1992	93721	12337.995	12331.697	6.299	0.007	0.051	1311.71	172.682	172.594	0.088
1993	93679	12401.934	12374.307	27.627	0.029	0.223	1292.22	171.073	170.692	0.381
1994	90832	12128.576	12084.080	44.495	0.049	0.367	1233.90	164.759	164.155	0.604
1995	89698	11958.696	11895.716	62.980	0.070	0.527	1199.20	159.879	159.037	0.842
1996	88286	12020.749	11949.632	71.117	0.081	0.592	1164.54	158.560	157.622	0.938
1997	84777	11593.724	11502.717	91.007	0.107	0.785	1102.56	150.782	149.598	1.184
1998	82517	11337.035	11194.293	142.742	0.173	1.259	1058.04	145.364	143.534	1.830
1999	93939	13027.458	12791.176	236.281	0.252	1.814	1188.25	164.787	161.798	2.989
2000	90039	12607.547	12343.332	264.216	0.293	2.096	1124.63	157.474	154.173	3.300
2001	86119	12350.451	12011.196	339.254	0.394	2.747	1063.62	152.535	148.345	4.190
2002	83014	12112.097	11744.571	367.525	0.443	3.034	1014.99	148.092	143.598	4.494
2003	79302	11683.252	11254.365	428.887	0.541	3.671	960.214	141.465	136.271	5.193
2004	73861	11139.095	10607.900	531.195	0.719	4.769	885.053	133.476	127.111	6.365
2005	71649	10884.683	10284.894	599.789	0.837	5.510	848.672	128.927	121.823	7.104
2006	67551	10397.565	9683.791	713.773	1.057	6.865	792.791	122.028	113.651	8.377
2007	63503	9785.831	8978.632	807.199	1.271	8.249	737.521	113.652	104.277	9.375
2008	63171	9922.524	9052.544	869.981	1.377	8.768	725.389	113.940	103.950	9.990
2009	59747	9483.598	8554.372	929.225	1.555	9.798	678.085	107.632	97.086	10.546

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	225949.442	6533.107	0.396	2.810	1043.56	146.971	142.841	4.130

****

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_12_Vary_starting_restarting_rates.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	3115.589	0.427	0.001	0.014	461.369	44.228	44.222	0.006
1992	32560	3095.448	3094.142	1.306	0.004	0.042	455.708	43.324	43.305	0.018
1993	32768	3114.516	3106.840	7.676	0.023	0.246	452.005	42.962	42.856	0.106
1994	33005	3168.398	3156.115	12.283	0.037	0.388	448.353	43.041	42.874	0.167
1995	33730	3200.274	3180.676	19.598	0.058	0.612	450.946	42.785	42.523	0.262
1996	33750	3234.738	3210.909	23.829	0.071	0.737	445.180	42.668	42.354	0.314
1997	33699	3240.665	3217.736	22.928	0.068	0.708	438.271	42.146	41.848	0.298
1998	33274	3171.578	3131.674	39.904	0.120	1.258	426.640	40.666	40.154	0.512
1999	33891	3153.786	3091.749	62.038	0.183	1.967	428.694	39.893	39.108	0.785
2000	33827	3237.043	3156.662	80.381	0.238	2.483	422.514	40.432	39.428	1.004
2001	32506	3110.972	3009.283	101.689	0.313	3.269	401.468	38.422	37.166	1.256
2002	32078	3123.298	3008.369	114.928	0.358	3.680	392.210	38.188	36.783	1.405
2003	30568	3025.984	2893.838	132.146	0.432	4.367	370.127	36.640	35.040	1.600
2004	29388	2983.453	2814.477	168.977	0.575	5.664	352.147	35.750	33.725	2.025
2005	27954	2926.679	2735.858	190.821	0.683	6.520	331.111	34.666	32.406	2.260
2006	27201	2889.308	2664.805	224.503	0.825	7.770	319.236	33.909	31.275	2.635
2007	26302	2810.025	2552.280	257.745	0.980	9.172	305.470	32.636	29.642	2.993
2008	25998	2773.025	2503.760	269.265	1.036	9.710	298.534	31.843	28.751	3.092
2009	25040	2723.293	2428.363	294.930	1.178	10.830	284.186	30.907	27.560	3.347

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	59266.367	2025.376	0.325	3.304	394.195	38.747	37.467	1.280

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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	11814.643	4.204	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11979.037	2.215	0.008	0.018	375.483	167.689	167.658	0.031
1993	29774	13348.134	13342.266	5.868	0.020	0.044	410.705	184.125	184.044	0.081
1994	29804	13404.876	13402.031	2.845	0.010	0.021	404.869	182.097	182.058	0.039
1995	29755	13407.404	13396.553	10.852	0.036	0.081	397.803	179.248	179.103	0.145
1996	30900	14056.435	14073.498	-17.063	-0.055	-0.121	407.587	185.412	185.637	-0.225
1997	31128	14163.848	14175.431	-11.583	-0.037	-0.082	404.834	184.207	184.358	-0.151
1998	32096	14738.220	14728.038	10.182	0.032	0.069	411.536	188.974	188.843	0.131
1999	34616	15867.376	15852.996	14.380	0.042	0.091	437.865	200.710	200.528	0.182
2000	34299	15766.470	15722.987	43.482	0.127	0.276	428.409	196.930	196.387	0.543
2001	34592	16091.193	16038.713	52.480	0.152	0.326	427.231	198.736	198.087	0.648
2002	34291	16120.902	16076.996	43.906	0.128	0.272	419.268	197.106	196.569	0.537
2003	35074	16455.810	16345.332	110.478	0.315	0.671	424.687	199.252	197.914	1.338
2004	33512	15694.580	15521.587	172.993	0.516	1.102	401.564	188.063	185.990	2.073
2005	35392	16549.102	16314.413	234.689	0.663	1.418	419.213	196.022	193.242	2.780
2006	33981	15926.096	15559.571	366.525	1.079	2.301	398.807	186.912	182.610	4.302
2007	34000	15778.477	15336.623	441.854	1.300	2.800	394.875	183.251	178.119	5.132
2008	37425	17438.838	16917.500	521.338	1.393	2.990	429.749	200.249	194.263	5.986
2009	36826	17214.158	16591.499	622.659	1.691	3.617	417.948	195.368	188.301	7.067

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	294004.929	2632.304	0.408	0.887	408.132	187.528	185.864	1.664

Results for PHIM for Run 7 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA4
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.RTF)

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

****

STP values for Run: 7, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET2IA4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.002760	0.000120	0.000120	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.004410	0.000420	0.000420	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.002280	0.000360	0.000360	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.001020	0.000240	0.000240	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000450	0.000150	0.000150	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.002520	0.000240	0.000240	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.003570	0.000840	0.000840	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001560	0.000720	0.000720	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000540	0.000480	0.000480	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000150	0.000300	0.000300	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 7 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	3773.00	41.11					
5	All Ages	Current CC	2535.00	27.62	145.00	5.17			
5	All Ages	Current MRTP	151.00	1.65					
5	All Ages	Current Dual	116.00	1.26					
5	All Ages	Former	2602.00	28.35			15.47	152.00	5.84

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	243.00	71.68					
5	18-19	Current CC	65.00	19.17	0.00	0.00			
5	18-19	Current MRTP	12.00	3.54					
5	18-19	Current Dual	17.00	5.01					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

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

Results for PHIM for Run 7 (APPENDIX_12_Vary_starting_restarting_rates.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	567.00	61.97					
5	20-24	Current CC	261.00	28.52	1.00	0.32			
5	20-24	Current MRTP	31.00	3.39					
5	20-24	Current Dual	20.00	2.19					
5	20-24	Former	36.00	3.93			2.81	10.00	27.78
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	508.00	53.03					
5	25-29	Current CC	300.00	31.32	4.00	1.20			
5	25-29	Current MRTP	15.00	1.57					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	116.00	12.11			4.84	23.00	19.83
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	486.00	45.25					
5	30-34	Current CC	355.00	33.05	9.00	2.33			
5	30-34	Current MRTP	19.00	1.77					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	473.00	43.67					
5	35-39	Current CC	337.00	31.12	14.00	3.93			
5	35-39	Current MRTP	12.00	1.11					
5	35-39	Current Dual	7.00	0.65					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 7 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3852.00	41.09					
10	All Ages	Current CC	2393.00	25.53	243.00	8.38			
10	All Ages	Current MRTP	304.00	3.24					
10	All Ages	Current Dual	202.00	2.15					
10	All Ages	Former	2624.00	27.99			17.07	174.00	6.63

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	529.00	59.04					
10	20-24	Current CC	251.00	28.01	0.00	0.00			
10	20-24	Current MRTP	40.00	4.46					
10	20-24	Current Dual	46.00	5.13					
10	20-24	Former	30.00	3.35			1.93	14.00	46.67

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	487.00	53.22					
10	25-29	Current CC	267.00	29.18	5.00	1.39			
10	25-29	Current MRTP	56.00	6.12					
10	25-29	Current Dual	36.00	3.93					
10	25-29	Former	69.00	7.54			4.75	19.00	27.54

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	459.00	47.91					
10	30-34	Current CC	270.00	28.18	10.00	2.87			
10	30-34	Current MRTP	40.00	4.18					
10	30-34	Current Dual	38.00	3.97					
10	30-34	Former	151.00	15.76			7.68	17.00	11.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	476.00	44.32					
10	35-39	Current CC	318.00	29.61	20.00	5.42			
10	35-39	Current MRTP	33.00	3.07					
10	35-39	Current Dual	18.00	1.68					
10	35-39	Former	229.00	21.32			9.87	14.00	6.11

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	473.00	43.67					
10	40-44	Current CC	285.00	26.32	28.00	8.70			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	13.00	1.20					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

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

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

Results for PHIM for Run 7 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3634.00	40.71					
15	All Ages	Current CC	2108.00	23.61	307.00	11.30			
15	All Ages	Current MRTP	396.00	4.44					
15	All Ages	Current Dual	212.00	2.37					
15	All Ages	Former	2577.00	28.87			18.42	157.00	6.09
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	457.00	51.00					
15	25-29	Current CC	253.00	28.24	2.00	0.54			
15	25-29	Current MRTP	60.00	6.70					
15	25-29	Current Dual	55.00	6.14					
15	25-29	Former	71.00	7.92			3.92	19.00	26.76
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	456.00	49.84					

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15	30-34	Current CC	242.00	26.45	11.00	3.12			
15	30-34	Current MRTP	72.00	7.87					
15	30-34	Current Dual	39.00	4.26					
15	30-34	Former	106.00	11.58			6.50	21.00	19.81
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	450.00	46.97					
15	35-39	Current CC	247.00	25.78	21.00	6.38			
15	35-39	Current MRTP	45.00	4.70					
15	35-39	Current Dual	37.00	3.86					
15	35-39	Former	179.00	18.68			10.26	20.00	11.17
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	476.00	44.32					
15	40-44	Current CC	276.00	25.70	27.00	8.13			
15	40-44	Current MRTP	39.00	3.63					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	266.00	24.77			12.52	16.00	6.02
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	473.00	43.67					
15	45-49	Current CC	258.00	23.82	41.00	13.23			
15	45-49	Current MRTP	37.00	3.42					
15	45-49	Current Dual	15.00	1.39					
15	45-49	Former	300.00	27.70			14.81	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3472.00	41.20					
20	All Ages	Current CC	1750.00	20.77	355.00	14.54			

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20	All Ages	Current MRTP	444.00	5.27					
20	All Ages	Current Dual	247.00	2.93					
20	All Ages	Former	2514.00	29.83			19.44	147.00	5.85
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	430.00	47.99					
20	30-34	Current CC	224.00	25.00	6.00	1.71			
20	30-34	Current MRTP	68.00	7.59					
20	30-34	Current Dual	59.00	6.58					
20	30-34	Former	115.00	12.83			6.24	18.00	15.65
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	441.00	48.20					
20	35-39	Current CC	211.00	23.06	15.00	4.44			
20	35-39	Current MRTP	82.00	8.96					
20	35-39	Current Dual	45.00	4.92					
20	35-39	Former	136.00	14.86			8.75	16.00	11.76
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	450.00	46.97					
20	40-44	Current CC	222.00	23.17	26.00	8.44			
20	40-44	Current MRTP	48.00	5.01					
20	40-44	Current Dual	38.00	3.97					
20	40-44	Former	200.00	20.88			13.26	10.00	5.00
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	476.00	44.32					
20	45-49	Current CC	250.00	23.28	35.00	11.29			
20	45-49	Current MRTP	40.00	3.72					
20	45-49	Current Dual	20.00	1.86					
20	45-49	Former	288.00	26.82			15.54	16.00	5.56
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	473.00	43.67					
20	50-54	Current CC	217.00	20.04	50.00	17.61			
20	50-54	Current MRTP	49.00	4.52					
20	50-54	Current Dual	18.00	1.66					
20	50-54	Former	326.00	30.10			17.52	14.00	4.29
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

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20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

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Main Results for E-Component Summarized over Simulations for Run: 7

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124099.289	33.294	0.011	0.027	4845.61	1920.39	1919.87	0.515
1992	308577	122143.718	121996.603	147.115	0.048	0.120	4692.62	1857.47	1855.24	2.237
1993	311713	123269.216	122928.844	340.372	0.109	0.276	4656.77	1841.55	1836.47	5.085
1994	305700	120480.723	119969.812	510.911	0.167	0.424	4482.57	1766.64	1759.15	7.492
1995	303225	118666.569	117914.968	751.600	0.248	0.633	4361.58	1706.89	1696.08	10.811
1996	299559	116607.195	115657.446	949.749	0.317	0.814	4242.85	1651.58	1638.13	13.452
1997	294226	114665.051	113570.284	1094.767	0.372	0.955	4100.64	1598.09	1582.83	15.258
1998	289258	113038.380	111718.292	1320.088	0.456	1.168	3966.28	1549.97	1531.87	18.101
1999	311002	117067.463	115285.222	1782.241	0.573	1.522	4198.14	1580.27	1556.21	24.058
2000	303786	114977.407	112981.866	1995.542	0.657	1.736	4041.13	1529.49	1502.95	26.546
2001	296294	113047.319	110887.312	2160.007	0.729	1.911	3890.54	1484.39	1456.02	28.362
2002	291898	111744.742	109382.406	2362.336	0.809	2.114	3789.34	1450.64	1419.97	30.667
2003	285865	110551.854	107988.619	2563.234	0.897	2.319	3671.31	1419.80	1386.88	32.919
2004	274177	107418.262	104808.637	2609.625	0.952	2.429	3481.92	1364.16	1331.02	33.141
2005	272379	107678.770	104889.048	2789.721	1.024	2.591	3417.44	1351.01	1316.01	35.002
2006	264118	104357.806	101545.425	2812.381	1.065	2.695	3281.83	1296.71	1261.76	34.946
2007	258419	102690.449	99768.651	2921.798	1.131	2.845	3176.05	1262.10	1226.19	35.910
2008	259461	103492.166	100208.225	3283.941	1.266	3.173	3150.91	1256.82	1216.94	39.880
2009	253907	101384.044	97866.620	3517.423	1.385	3.469	3045.20	1215.94	1173.75	42.186

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2239297.532	33946.15	0.584	1.493	3927.78	1535.76	1512.82	22.933

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.926	8.860	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.152	31.195	0.040	0.050	1185.97	950.993	950.519	0.474
1993	78542	62883.111	62816.802	66.310	0.084	0.105	1173.36	939.428	938.437	0.991
1994	77437	61805.804	61703.262	102.542	0.132	0.166	1135.48	906.276	904.773	1.504
1995	76904	61145.799	60992.341	153.458	0.200	0.251	1106.18	879.519	877.311	2.207
1996	76232	60385.323	60192.193	193.130	0.253	0.320	1079.72	855.277	852.542	2.735
1997	75473	59549.806	59339.532	210.273	0.279	0.353	1051.87	829.947	827.017	2.931
1998	75381	59292.315	59001.033	291.282	0.386	0.491	1033.62	813.010	809.016	3.994
1999	73159	57398.351	57037.511	360.840	0.493	0.629	987.557	774.807	769.936	4.871
2000	73784	57716.549	57272.674	443.874	0.602	0.769	981.515	767.777	761.872	5.905
2001	73294	57211.877	56713.647	498.230	0.680	0.871	962.399	751.230	744.688	6.542
2002	72442	56438.810	55889.044	549.766	0.759	0.974	940.422	732.673	725.536	7.137
2003	71942	55948.341	55370.552	577.790	0.803	1.033	923.937	718.533	711.113	7.420
2004	71301	55339.218	54732.506	606.712	0.851	1.096	905.490	702.783	695.078	7.705
2005	70964	54964.459	54332.817	631.643	0.890	1.149	890.360	689.620	681.695	7.925
2006	69658	53781.526	53153.772	627.755	0.901	1.167	865.543	668.268	660.468	7.800
2007	68565	52784.985	52133.067	651.918	0.951	1.235	842.687	648.745	640.733	8.012
2008	68226	52470.692	51714.951	755.741	1.108	1.440	828.542	637.208	628.030	9.178
2009	67509	51823.021	51003.713	819.308	1.214	1.581	809.661	621.533	611.707	9.826

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	1476084	1159988.529	1152407.902	7580.627	0.514	0.654	997.213	783.665	778.544	5.121

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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	37047.813	19.572	0.012	0.053	2599.72	573.449	573.146	0.303
1992	164548	35863.851	35775.086	88.765	0.054	0.248	2502.33	545.392	544.042	1.350
1993	164362	35459.800	35253.146	206.654	0.126	0.583	2455.45	529.744	526.656	3.087
1994	159866	34293.631	33994.627	299.005	0.187	0.872	2344.16	502.857	498.473	4.384
1995	158083	33531.695	33101.306	430.389	0.272	1.284	2273.86	482.318	476.128	6.191
1996	154875	32438.163	31899.061	539.102	0.348	1.662	2193.60	459.443	451.807	7.636
1997	149970	31179.663	30549.301	630.362	0.420	2.022	2090.14	434.552	425.766	8.785
1998	145407	29860.736	29157.432	703.304	0.484	2.355	1993.81	409.447	399.804	9.644
1999	165952	34413.904	33425.811	988.093	0.595	2.871	2240.15	464.545	451.207	13.338
2000	160260	33265.290	32208.414	1056.876	0.659	3.177	2131.87	442.513	428.454	14.059
2001	154444	32074.102	30950.038	1124.064	0.728	3.505	2027.95	421.154	406.395	14.760
2002	151887	31817.956	30596.617	1221.339	0.804	3.839	1971.76	413.052	397.197	15.855
2003	146733	31025.931	29665.763	1360.168	0.927	4.384	1884.46	398.460	380.992	17.468
2004	138381	29503.602	28116.650	1386.952	1.002	4.701	1757.38	374.682	357.069	17.614
2005	135881	29077.894	27591.392	1486.502	1.094	5.112	1704.85	364.830	346.179	18.651
2006	131922	28385.448	26839.886	1545.561	1.172	5.445	1639.21	352.707	333.502	19.205
2007	126502	27327.625	25725.748	1601.878	1.266	5.862	1554.75	335.866	316.178	19.688
2008	125859	27025.472	25295.903	1729.569	1.374	6.400	1528.44	328.199	307.195	21.004
2009	122428	26361.626	24505.150	1856.476	1.516	7.042	1468.33	316.165	293.900	22.265

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	620082.042	18274.63	0.610	2.863	2024.64	431.261	418.915	12.346

****

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_12_Vary_starting_restarting_rates.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	4486.704	1.279	0.004	0.028	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.694	12.502	0.039	0.286	488.154	66.474	66.284	0.190
1993	32896	4414.136	4379.311	34.825	0.106	0.789	491.442	65.944	65.424	0.520
1994	33323	4474.895	4420.505	54.391	0.163	1.215	488.625	65.617	64.819	0.798
1995	33569	4476.290	4394.447	81.843	0.244	1.828	482.855	64.387	63.210	1.177
1996	33870	4489.078	4379.958	109.120	0.322	2.431	479.723	63.582	62.036	1.546
1997	33516	4444.866	4307.456	137.410	0.410	3.091	467.113	61.948	60.033	1.915
1998	32795	4313.427	4174.378	139.049	0.424	3.224	449.682	59.145	57.239	1.907
1999	33375	4232.739	4070.099	162.639	0.487	3.842	450.521	57.137	54.941	2.195
2000	33459	4307.577	4138.187	169.390	0.506	3.932	445.090	57.302	55.048	2.253
2001	32275	4136.308	3969.650	166.659	0.516	4.029	423.792	54.312	52.124	2.188
2002	31586	4079.175	3908.112	171.062	0.542	4.194	410.041	52.955	50.734	2.221
2003	30985	4096.221	3889.778	206.443	0.666	5.040	397.934	52.607	49.956	2.651
2004	29884	4034.217	3824.375	209.842	0.702	5.202	379.513	51.233	48.568	2.665
2005	28708	3944.303	3727.907	216.396	0.754	5.486	360.189	49.488	46.773	2.715
2006	28188	3970.169	3736.481	233.688	0.829	5.886	350.253	49.332	46.428	2.904
2007	28026	3957.558	3704.379	253.179	0.903	6.397	344.449	48.640	45.528	3.112
2008	27128	3812.302	3564.239	248.062	0.914	6.507	329.444	46.297	43.284	3.012
2009	27068	3827.467	3546.632	280.835	1.038	7.337	324.637	45.904	42.536	3.368

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	81568.889	2888.614	0.460	3.420	424.421	57.058	55.106	1.951

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Main Results for E-Component Summarized over Simulations for Run: 7

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.846	3.584	0.011	0.018	527.418	301.804	301.749	0.055
1992	33942	19373.324	19358.671	14.652	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.585	32.583	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.419	54.973	0.157	0.276	514.300	291.893	291.087	0.806
1995	34669	19512.784	19426.874	85.911	0.248	0.440	498.677	280.671	279.435	1.236
1996	34582	19294.631	19186.234	108.397	0.313	0.562	489.808	273.283	271.747	1.535
1997	35267	19490.717	19373.995	116.722	0.331	0.599	491.517	271.643	270.016	1.627
1998	35675	19571.902	19385.450	186.452	0.523	0.953	489.172	268.368	265.811	2.557
1999	38516	21022.469	20751.800	270.668	0.703	1.288	519.919	283.777	280.124	3.654
2000	36283	19687.992	19362.590	325.402	0.897	1.653	482.656	261.900	257.572	4.329
2001	36281	19625.032	19253.977	371.055	1.023	1.891	476.394	257.690	252.818	4.872
2002	35983	19408.801	18988.633	420.168	1.168	2.165	467.122	251.960	246.505	5.455
2003	36205	19481.360	19062.527	418.833	1.157	2.150	464.974	250.195	244.816	5.379
2004	34611	18541.224	18135.106	406.118	1.173	2.190	439.544	235.465	230.308	5.158
2005	36826	19692.114	19236.932	455.182	1.236	2.311	462.043	247.070	241.359	5.711
2006	34350	18220.663	17815.286	405.377	1.180	2.225	426.820	226.403	221.366	5.037
2007	35326	18620.282	18205.458	414.823	1.174	2.228	434.168	228.849	223.751	5.098
2008	38248	20183.701	19633.132	550.569	1.439	2.728	464.487	245.112	238.426	6.686
2009	36902	19371.930	18811.125	560.805	1.520	2.895	442.580	232.335	225.609	6.726

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	385238.699	5202.275	0.730	1.332	481.512	263.774	260.260	3.515

Results for PHIM for Run 8 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA4
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 8, Scenario: STP_NULL

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

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

Results for PHIM for Run 8 (APPENDIX_12_Vary_starting_restarting_rates.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		SET2IA4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.002760	0.000120	0.000120	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.004410	0.000420	0.000420	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.002280	0.000360	0.000360	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.001020	0.000240	0.000240	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000450	0.000150	0.000150	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.002520	0.000240	0.000240	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.003570	0.000840	0.000840	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001560	0.000720	0.000720	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000540	0.000480	0.000480	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000150	0.000300	0.000300	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

****

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

Results for PHIM for Run 8 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	4779.00	52.63					
5	All Ages	Current CC	2081.00	22.92	116.00	5.03			
5	All Ages	Current MRTP	135.00	1.49					
5	All Ages	Current Dual	90.00	0.99					
5	All Ages	Former	1995.00	21.97			14.72	112.00	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	231.00	77.52					
5	18-19	Current CC	43.00	14.43	0.00	0.00			
5	18-19	Current MRTP	7.00	2.35					
5	18-19	Current Dual	16.00	5.37					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 8 (APPENDIX_12_Vary_starting_restarting_rates.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	506.00	59.95					
5	20-24	Current CC	260.00	30.81	3.00	0.97			
5	20-24	Current MRTP	28.00	3.32					
5	20-24	Current Dual	21.00	2.49					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	444.00	53.43					
5	25-29	Current CC	212.00	25.51	9.00	3.61			
5	25-29	Current MRTP	25.00	3.01					
5	25-29	Current Dual	12.00	1.44					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	514.00	51.45					
5	30-34	Current CC	283.00	28.33	13.00	4.30			
5	30-34	Current MRTP	11.00	1.10					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	183.00	18.32			7.78	11.00	6.01
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	555.00	49.47					
5	35-39	Current CC	303.00	27.01	8.00	2.44			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	11.00	0.98					
5	35-39	Former	239.00	21.30			8.47	16.00	6.69
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 8 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4691.00	51.50					
10	All Ages	Current CC	1952.00	21.43	189.00	7.89			
10	All Ages	Current MRTP	281.00	3.08					
10	All Ages	Current Dual	163.00	1.79					
10	All Ages	Former	2022.00	22.20			16.16	109.00	5.39

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	517.00	63.59					
10	20-24	Current CC	183.00	22.51	0.00	0.00			
10	20-24	Current MRTP	46.00	5.66					
10	20-24	Current Dual	43.00	5.29					
10	20-24	Former	24.00	2.95			2.83	6.00	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	450.00	53.32					
10	25-29	Current CC	247.00	29.27	6.00	1.76			
10	25-29	Current MRTP	51.00	6.04					
10	25-29	Current Dual	42.00	4.98					
10	25-29	Former	54.00	6.40			4.93	12.00	22.22

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	409.00	49.22					
10	30-34	Current CC	197.00	23.71	14.00	5.41			
10	30-34	Current MRTP	36.00	4.33					
10	30-34	Current Dual	26.00	3.13					
10	30-34	Former	163.00	19.61			8.81	11.00	6.75

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	498.00	49.85					
10	35-39	Current CC	259.00	25.93	26.00	8.55			
10	35-39	Current MRTP	31.00	3.10					
10	35-39	Current Dual	14.00	1.40					
10	35-39	Former	197.00	19.72			11.19	8.00	4.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	555.00	49.47					
10	40-44	Current CC	263.00	23.44	18.00	6.16			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	10.00	0.89					
10	40-44	Former	275.00	24.51			11.35	18.00	6.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 8 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4296.00	50.13					
15	All Ages	Current CC	1660.00	19.37	237.00	10.78			
15	All Ages	Current MRTP	329.00	3.84					
15	All Ages	Current Dual	210.00	2.45					
15	All Ages	Former	2075.00	24.21			17.10	140.00	6.75
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	446.00	54.86					
15	25-29	Current CC	194.00	23.86	2.00	0.63			
15	25-29	Current MRTP	61.00	7.50					
15	25-29	Current Dual	60.00	7.38					
15	25-29	Former	52.00	6.40			4.06	19.00	36.54
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	415.00	49.17					

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15	30-34	Current CC	224.00	26.54	9.00	2.67			
15	30-34	Current MRTP	64.00	7.58					
15	30-34	Current Dual	49.00	5.81					
15	30-34	Former	92.00	10.90			6.29	18.00	19.57
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	400.00	48.13					
15	35-39	Current CC	170.00	20.46	22.00	9.36			
15	35-39	Current MRTP	39.00	4.69					
15	35-39	Current Dual	26.00	3.13					
15	35-39	Former	196.00	23.59			11.38	14.00	7.14
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	498.00	49.85					
15	40-44	Current CC	226.00	22.62	34.00	12.06			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	20.00	2.00					
15	40-44	Former	219.00	21.92			14.11	9.00	4.11
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	555.00	49.47					
15	45-49	Current CC	228.00	20.32	25.00	9.09			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	16.00	1.43					
15	45-49	Former	292.00	26.02			14.90	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3998.00	49.76					
20	All Ages	Current CC	1390.00	17.30	265.00	13.65			

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20	All Ages	Current MRTP	348.00	4.33					
20	All Ages	Current Dual	204.00	2.54					
20	All Ages	Former	2094.00	26.06			18.49	131.00	6.26
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	418.00	51.41					
20	30-34	Current CC	176.00	21.65	6.00	1.95			
20	30-34	Current MRTP	71.00	8.73					
20	30-34	Current Dual	61.00	7.50					
20	30-34	Former	87.00	10.70			5.91	18.00	20.69
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	405.00	47.99					
20	35-39	Current CC	194.00	22.99	13.00	4.18			
20	35-39	Current MRTP	68.00	8.06					
20	35-39	Current Dual	49.00	5.81					
20	35-39	Former	128.00	15.17			8.18	20.00	15.63
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	400.00	48.13					
20	40-44	Current CC	149.00	17.93	28.00	13.33			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	21.00	2.53					
20	40-44	Former	221.00	26.59			14.47	6.00	2.71
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	498.00	49.85					
20	45-49	Current CC	203.00	20.32	38.00	14.67			
20	45-49	Current MRTP	36.00	3.60					
20	45-49	Current Dual	20.00	2.00					
20	45-49	Former	242.00	24.22			16.75	8.00	3.31
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	555.00	49.47					
20	50-54	Current CC	200.00	17.83	33.00	13.15			
20	50-54	Current MRTP	34.00	3.03					
20	50-54	Current Dual	17.00	1.52					
20	50-54	Former	316.00	28.16			17.65	18.00	5.70
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

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20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 8

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.359	8.502	0.004	0.014	2826.86	839.248	839.127	0.121
1992	198532	60226.142	60212.338	13.804	0.007	0.023	2778.64	842.922	842.729	0.193
1993	202512	62332.320	62279.224	53.096	0.026	0.085	2793.47	859.818	859.085	0.732
1994	200658	62691.239	62617.988	73.251	0.037	0.117	2725.82	851.622	850.627	0.995
1995	201023	63132.954	63015.787	117.168	0.058	0.186	2687.54	844.043	842.477	1.566
1996	201180	64309.880	64226.586	83.294	0.041	0.130	2653.67	848.280	847.181	1.099
1997	198639	64547.894	64426.996	120.898	0.061	0.187	2583.39	839.475	837.903	1.572
1998	197573	65384.866	65143.053	241.813	0.122	0.370	2533.29	838.367	835.266	3.101
1999	211329	67554.762	67171.089	383.673	0.182	0.568	2673.14	854.513	849.660	4.853
2000	208496	68184.366	67688.259	496.107	0.238	0.728	2604.20	851.652	845.455	6.197
2001	203606	68286.060	67649.844	636.216	0.312	0.932	2514.65	843.372	835.515	7.858
2002	200828	68983.996	68282.649	701.347	0.349	1.017	2455.47	843.450	834.875	8.575
2003	196352	68717.830	67798.456	919.375	0.468	1.338	2377.49	832.057	820.925	11.132
2004	188160	67344.952	66121.190	1223.761	0.650	1.817	2254.66	806.974	792.310	14.664
2005	186416	67846.650	66411.456	1435.194	0.770	2.115	2208.07	803.634	786.634	17.000
2006	180088	66622.465	64736.821	1885.644	1.047	2.830	2113.55	781.893	759.763	22.130
2007	175644	65977.201	63759.715	2217.486	1.262	3.361	2039.92	766.256	740.503	25.754
2008	177570	67121.344	64721.345	2399.999	1.352	3.576	2039.03	770.751	743.192	27.559
2009	172806	66622.993	63894.432	2728.561	1.579	4.096	1961.22	756.123	725.156	30.967

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	1286577.177	15739.19	0.404	1.209	2465.77	823.300	813.350	9.950

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.763	4.255	0.010	0.013	620.154	447.530	447.470	0.060
1992	45423	32811.446	32808.110	3.337	0.007	0.010	635.738	459.227	459.181	0.047
1993	46291	33467.735	33457.108	10.627	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.505	11.884	0.025	0.035	638.697	461.725	461.564	0.161
1995	47840	34566.580	34544.892	21.688	0.045	0.063	639.587	462.131	461.841	0.290
1996	48244	34997.958	34995.242	2.715	0.006	0.008	636.363	461.641	461.605	0.036
1997	49035	35549.658	35535.848	13.810	0.028	0.039	637.723	462.340	462.160	0.180
1998	49686	36138.033	36093.878	44.155	0.089	0.122	637.076	463.363	462.797	0.566
1999	48883	35506.142	35440.787	65.354	0.134	0.184	618.331	449.124	448.297	0.827
2000	50331	36573.306	36471.925	101.381	0.201	0.277	628.656	456.816	455.550	1.266
2001	50389	36733.445	36597.745	135.701	0.269	0.369	622.333	453.679	452.003	1.676
2002	51445	37627.700	37464.238	163.462	0.318	0.434	629.005	460.065	458.066	1.999
2003	51408	37552.784	37314.951	237.833	0.463	0.633	622.464	454.701	451.821	2.880
2004	51399	37527.823	37188.546	339.277	0.660	0.904	615.898	449.684	445.619	4.065
2005	51421	37486.186	37090.555	395.632	0.769	1.055	609.074	444.018	439.332	4.686
2006	51355	37409.496	36843.376	566.120	1.102	1.513	602.712	439.045	432.401	6.644
2007	51839	37602.867	36911.638	691.230	1.333	1.838	602.056	436.718	428.690	8.028
2008	50976	36986.957	36262.676	724.281	1.421	1.958	585.355	424.719	416.402	8.317
2009	51193	37201.944	36337.591	864.353	1.688	2.323	581.003	422.215	412.405	9.810

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707507.743	4397.097	0.448	0.618	619.890	450.053	447.273	2.780

****

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	12663.397	-0.418	-0.000	-0.003	1368.32	179.735	179.741	-0.006
1992	93721	12337.995	12331.243	6.753	0.007	0.055	1311.71	172.682	172.587	0.095
1993	93679	12401.934	12373.397	28.537	0.030	0.230	1292.22	171.073	170.680	0.394
1994	90832	12128.576	12082.998	45.578	0.050	0.376	1233.90	164.759	164.140	0.619
1995	89698	11958.696	11894.385	64.311	0.072	0.538	1199.20	159.879	159.020	0.860
1996	88286	12020.749	11947.937	72.812	0.082	0.606	1164.54	158.560	157.599	0.960
1997	84777	11593.724	11499.787	93.936	0.111	0.810	1102.56	150.782	149.560	1.222
1998	82517	11337.035	11191.299	145.736	0.177	1.285	1058.04	145.364	143.495	1.869
1999	93939	13027.458	12787.651	239.806	0.255	1.841	1188.25	164.787	161.754	3.033
2000	90039	12607.547	12339.186	268.361	0.298	2.129	1124.63	157.474	154.122	3.352
2001	86119	12350.451	12006.378	344.072	0.400	2.786	1063.62	152.535	148.286	4.249
2002	83014	12112.097	11736.394	375.703	0.453	3.102	1014.99	148.092	143.498	4.594
2003	79302	11683.252	11247.112	436.140	0.550	3.733	960.214	141.465	136.184	5.281
2004	73861	11139.095	10599.786	539.309	0.730	4.842	885.053	133.476	127.014	6.462
2005	71649	10884.683	10274.701	609.982	0.851	5.604	848.672	128.927	121.702	7.225
2006	67551	10397.565	9672.890	724.675	1.073	6.970	792.791	122.028	113.523	8.505
2007	63503	9785.831	8964.382	821.449	1.294	8.394	737.521	113.652	104.112	9.540
2008	63171	9922.524	9041.077	881.447	1.395	8.883	725.389	113.940	103.818	10.122
2009	59747	9483.598	8540.915	942.682	1.578	9.940	678.085	107.632	96.933	10.699

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	225841.676	6640.874	0.402	2.857	1043.56	146.971	142.773	4.198

****

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_12_Vary_starting_restarting_rates.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	3115.562	0.454	0.001	0.015	461.369	44.228	44.222	0.006
1992	32560	3095.448	3093.976	1.472	0.005	0.048	455.708	43.324	43.303	0.021
1993	32768	3114.516	3106.519	7.997	0.024	0.257	452.005	42.962	42.852	0.110
1994	33005	3168.398	3155.569	12.830	0.039	0.405	448.353	43.041	42.866	0.174
1995	33730	3200.274	3180.081	20.193	0.060	0.631	450.946	42.785	42.515	0.270
1996	33750	3234.738	3210.094	24.645	0.073	0.762	445.180	42.668	42.343	0.325
1997	33699	3240.665	3216.273	24.391	0.072	0.753	438.271	42.146	41.829	0.317
1998	33274	3171.578	3130.214	41.364	0.124	1.304	426.640	40.666	40.136	0.530
1999	33891	3153.786	3090.116	63.670	0.188	2.019	428.694	39.893	39.087	0.805
2000	33827	3237.043	3154.707	82.336	0.243	2.544	422.514	40.432	39.404	1.028
2001	32506	3110.972	3007.493	103.479	0.318	3.326	401.468	38.422	37.144	1.278
2002	32078	3123.298	3005.779	117.518	0.366	3.763	392.210	38.188	36.751	1.437
2003	30568	3025.984	2891.743	134.240	0.439	4.436	370.127	36.640	35.014	1.625
2004	29388	2983.453	2812.130	171.323	0.583	5.742	352.147	35.750	33.697	2.053
2005	27954	2926.679	2732.611	194.068	0.694	6.631	331.111	34.666	32.367	2.299
2006	27201	2889.308	2661.919	227.389	0.836	7.870	319.236	33.909	31.241	2.669
2007	26302	2810.025	2548.856	261.169	0.993	9.294	305.470	32.636	29.602	3.033
2008	25998	2773.025	2501.570	271.455	1.044	9.789	298.534	31.843	28.725	3.117
2009	25040	2723.293	2425.490	297.803	1.189	10.935	284.186	30.907	27.528	3.380

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	59233.946	2057.797	0.330	3.357	394.195	38.747	37.447	1.301

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Main Results for E-Component Summarized over Simulations for Run: 8

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.637	4.210	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11979.010	2.243	0.008	0.019	375.483	167.689	167.658	0.031
1993	29774	13348.134	13342.200	5.934	0.020	0.044	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.917	2.959	0.010	0.022	404.869	182.097	182.057	0.040
1995	29755	13407.404	13396.429	10.975	0.037	0.082	397.803	179.248	179.101	0.147
1996	30900	14056.435	14073.312	-16.877	-0.055	-0.120	407.587	185.412	185.634	-0.223
1997	31128	14163.848	14175.088	-11.240	-0.036	-0.079	404.834	184.207	184.354	-0.146
1998	32096	14738.220	14727.663	10.557	0.033	0.072	411.536	188.974	188.839	0.135
1999	34616	15867.376	15852.534	14.842	0.043	0.094	437.865	200.710	200.522	0.188
2000	34299	15766.470	15722.441	44.029	0.128	0.279	428.409	196.930	196.380	0.550
2001	34592	16091.193	16038.229	52.964	0.153	0.329	427.231	198.736	198.081	0.654
2002	34291	16120.902	16076.238	44.664	0.130	0.277	419.268	197.106	196.560	0.546
2003	35074	16455.810	16344.649	111.161	0.317	0.676	424.687	199.252	197.906	1.346
2004	33512	15694.580	15520.727	173.853	0.519	1.108	401.564	188.063	185.980	2.083
2005	35392	16549.102	16313.590	235.512	0.665	1.423	419.213	196.022	193.232	2.790
2006	33981	15926.096	15558.637	367.460	1.081	2.307	398.807	186.912	182.599	4.313
2007	34000	15778.477	15334.840	443.637	1.305	2.812	394.875	183.251	178.098	5.152
2008	37425	17438.838	16916.023	522.815	1.397	2.998	429.749	200.249	194.246	6.003
2009	36826	17214.158	16590.436	623.722	1.694	3.623	417.948	195.368	188.289	7.079

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	645593	296637.233	293993.813	2643.420	0.409	0.891	408.132	187.528	185.857	1.671

Results for PHIM for Run 9 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA5
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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		SET2IA5

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.003680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.005880	0.000560	0.000560	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.003040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.001360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000600	0.000200	0.000200	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.003360	0.000320	0.000320	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.004760	0.001120	0.001120	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.002080	0.000960	0.000960	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000720	0.000640	0.000640	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000200	0.000400	0.000400	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 9 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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: 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_12_Vary_starting_restarting_rates.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	3684.00	40.14					
5	All Ages	Current CC	2601.00	28.34	146.00	5.06			
5	All Ages	Current MRTP	163.00	1.78					
5	All Ages	Current Dual	119.00	1.30					
5	All Ages	Former	2610.00	28.44			15.43	158.00	6.05

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	221.00	65.19					
5	18-19	Current CC	85.00	25.07	1.00	0.86			
5	18-19	Current MRTP	16.00	4.72					
5	18-19	Current Dual	15.00	4.42					
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 9 (APPENDIX_12_Vary_starting_restarting_rates.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	537.00	58.69					
5	20-24	Current CC	291.00	31.80	1.00	0.30			
5	20-24	Current MRTP	27.00	2.95					
5	20-24	Current Dual	19.00	2.08					
5	20-24	Former	41.00	4.48			2.66	12.00	29.27
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	488.00	50.94					
5	25-29	Current CC	307.00	32.05	4.00	1.14			
5	25-29	Current MRTP	28.00	2.92					
5	25-29	Current Dual	17.00	1.77					
5	25-29	Former	118.00	12.32			4.78	25.00	21.19
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	475.00	44.23					
5	30-34	Current CC	361.00	33.61	9.00	2.27			
5	30-34	Current MRTP	18.00	1.68					
5	30-34	Current Dual	18.00	1.68					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	467.00	43.12					
5	35-39	Current CC	340.00	31.39	14.00	3.88			
5	35-39	Current MRTP	12.00	1.11					
5	35-39	Current Dual	9.00	0.83					
5	35-39	Former	255.00	23.55			7.73	22.00	8.63
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 9 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3686.00	39.32					
10	All Ages	Current CC	2496.00	26.62	245.00	8.06			
10	All Ages	Current MRTP	324.00	3.46					
10	All Ages	Current Dual	221.00	2.36					
10	All Ages	Former	2648.00	28.25			16.94	183.00	6.91

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	457.00	51.00					
10	20-24	Current CC	295.00	32.92	1.00	0.25			
10	20-24	Current MRTP	50.00	5.58					
10	20-24	Current Dual	52.00	5.80					
10	20-24	Former	42.00	4.69			1.81	21.00	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	440.00	48.09					
10	25-29	Current CC	305.00	33.33	5.00	1.27			
10	25-29	Current MRTP	50.00	5.46					
10	25-29	Current Dual	40.00	4.37					
10	25-29	Former	80.00	8.74			4.63	22.00	27.50

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	434.00	45.30					
10	30-34	Current CC	283.00	29.54	11.00	2.96			
10	30-34	Current MRTP	55.00	5.74					
10	30-34	Current Dual	34.00	3.55					
10	30-34	Former	152.00	15.87			7.70	16.00	10.53

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	460.00	42.83					
10	35-39	Current CC	324.00	30.17	20.00	5.18			
10	35-39	Current MRTP	33.00	3.07					
10	35-39	Current Dual	29.00	2.70					
10	35-39	Former	228.00	21.23			9.90	14.00	6.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	467.00	43.12					
10	40-44	Current CC	287.00	26.50	28.00	8.56			
10	40-44	Current MRTP	25.00	2.31					
10	40-44	Current Dual	15.00	1.39					
10	40-44	Former	289.00	26.69			10.90	22.00	7.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

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

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

Results for PHIM for Run 9 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3456.00	38.71					
15	All Ages	Current CC	2189.00	24.52	309.00	10.83			
15	All Ages	Current MRTP	427.00	4.78					
15	All Ages	Current Dual	238.00	2.67					
15	All Ages	Former	2617.00	29.32			18.22	161.00	6.15
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	383.00	42.75					
15	25-29	Current CC	285.00	31.81	2.00	0.48			
15	25-29	Current MRTP	72.00	8.04					
15	25-29	Current Dual	63.00	7.03					
15	25-29	Former	93.00	10.38			4.06	23.00	24.73
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	404.00	44.15					

Results for PHIM for Run 9 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	273.00	29.84	11.00	2.81			
15	30-34	Current MRTP	74.00	8.09					
15	30-34	Current Dual	44.00	4.81					
15	30-34	Former	120.00	13.11			6.58	21.00	17.50
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	420.00	43.84					
15	35-39	Current CC	258.00	26.93	23.00	6.46			
15	35-39	Current MRTP	59.00	6.16					
15	35-39	Current Dual	39.00	4.07					
15	35-39	Former	182.00	19.00			10.21	20.00	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	460.00	42.83					
15	40-44	Current CC	281.00	26.16	27.00	7.76			
15	40-44	Current MRTP	40.00	3.72					
15	40-44	Current Dual	27.00	2.51					
15	40-44	Former	266.00	24.77			12.50	16.00	6.02
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	467.00	43.12					
15	45-49	Current CC	260.00	24.01	41.00	13.02			
15	45-49	Current MRTP	39.00	3.60					
15	45-49	Current Dual	16.00	1.48					
15	45-49	Former	301.00	27.79			14.79	10.00	3.32
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3291.00	39.05					
20	All Ages	Current CC	1817.00	21.56	363.00	14.12			

Results for PHIM for Run 9 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	481.00	5.71					
20	All Ages	Current Dual	273.00	3.24					
20	All Ages	Former	2565.00	30.44			19.21	152.00	5.93
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	354.00	39.51					
20	30-34	Current CC	249.00	27.79	9.00	2.25			
20	30-34	Current MRTP	85.00	9.49					
20	30-34	Current Dual	66.00	7.37					
20	30-34	Former	142.00	15.85			6.55	17.00	11.97
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	388.00	42.40					
20	35-39	Current CC	237.00	25.90	18.00	4.80			
20	35-39	Current MRTP	87.00	9.51					
20	35-39	Current Dual	51.00	5.57					
20	35-39	Former	152.00	16.61			8.86	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	420.00	43.84					
20	40-44	Current CC	232.00	24.22	28.00	8.41			
20	40-44	Current MRTP	61.00	6.37					
20	40-44	Current Dual	40.00	4.18					
20	40-44	Former	205.00	21.40			13.12	12.00	5.85
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	460.00	42.83					
20	45-49	Current CC	254.00	23.65	35.00	10.80			
20	45-49	Current MRTP	40.00	3.72					
20	45-49	Current Dual	30.00	2.79					
20	45-49	Former	290.00	27.00			15.42	18.00	6.21
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	467.00	43.12					
20	50-54	Current CC	219.00	20.22	50.00	17.30			
20	50-54	Current MRTP	51.00	4.71					
20	50-54	Current Dual	19.00	1.75					
20	50-54	Former	327.00	30.19			17.51	14.00	4.28
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

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20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

****

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	124099.529	33.055	0.011	0.027	4845.61	1920.39	1919.88	0.511
1992	308577	122143.718	121997.978	145.740	0.047	0.119	4692.62	1857.47	1855.26	2.216
1993	311713	123269.216	122932.721	336.495	0.108	0.273	4656.77	1841.55	1836.53	5.027
1994	305700	120480.723	119976.091	504.632	0.165	0.419	4482.57	1766.64	1759.24	7.400
1995	303225	118666.569	117923.817	742.752	0.245	0.626	4361.58	1706.89	1696.21	10.684
1996	299559	116607.195	115669.127	938.068	0.313	0.804	4242.85	1651.58	1638.30	13.286
1997	294226	114665.051	113585.178	1079.873	0.367	0.942	4100.64	1598.09	1583.04	15.050
1998	289258	113038.380	111739.927	1298.453	0.449	1.149	3966.28	1549.97	1532.17	17.804
1999	311002	117067.463	115318.467	1748.996	0.562	1.494	4198.14	1580.27	1556.66	23.609
2000	303786	114977.407	113019.910	1957.497	0.644	1.703	4041.13	1529.49	1503.45	26.040
2001	296294	113047.319	110940.968	2106.351	0.711	1.863	3890.54	1484.39	1456.73	27.658
2002	291898	111744.742	109446.783	2297.959	0.787	2.056	3789.34	1450.64	1420.81	29.831
2003	285865	110551.854	108075.554	2476.300	0.866	2.240	3671.31	1419.80	1387.99	31.803
2004	274177	107418.262	104917.263	2500.999	0.912	2.328	3481.92	1364.16	1332.40	31.762
2005	272379	107678.770	105004.999	2673.771	0.982	2.483	3417.44	1351.01	1317.46	33.547
2006	264118	104357.806	101685.334	2672.472	1.012	2.561	3281.83	1296.71	1263.50	33.207
2007	258419	102690.449	99931.564	2758.885	1.068	2.687	3176.05	1262.10	1228.19	33.908
2008	259461	103492.166	100407.751	3084.416	1.189	2.980	3150.91	1256.82	1219.36	37.457
2009	253907	101384.044	98097.581	3286.462	1.294	3.242	3045.20	1215.94	1176.52	39.416

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	5813942	2273243.679	2240600.502	32643.18	0.561	1.436	3927.78	1535.76	1513.71	22.053

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.933	8.853	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.197	31.150	0.040	0.050	1185.97	950.993	950.519	0.474
1993	78542	62883.111	62816.959	66.152	0.084	0.105	1173.36	939.428	938.440	0.988
1994	77437	61805.804	61703.521	102.283	0.132	0.165	1135.48	906.276	904.777	1.500
1995	76904	61145.799	60992.753	153.046	0.199	0.250	1106.18	879.519	877.317	2.201
1996	76232	60385.323	60192.833	192.489	0.253	0.319	1079.72	855.277	852.551	2.726
1997	75473	59549.806	59340.399	209.406	0.277	0.352	1051.87	829.947	827.029	2.918
1998	75381	59292.315	59002.397	289.918	0.385	0.489	1033.62	813.010	809.035	3.975
1999	73159	57398.351	57039.440	358.911	0.491	0.625	987.557	774.807	769.962	4.845
2000	73784	57716.549	57275.350	441.199	0.598	0.764	981.515	767.777	761.908	5.869
2001	73294	57211.877	56717.302	494.576	0.675	0.864	962.399	751.230	744.736	6.494
2002	72442	56438.810	55893.852	544.958	0.752	0.966	940.422	732.673	725.599	7.075
2003	71942	55948.341	55377.564	570.777	0.793	1.020	923.937	718.533	711.203	7.330
2004	71301	55339.218	54741.743	597.476	0.838	1.080	905.490	702.783	695.195	7.588
2005	70964	54964.459	54343.249	621.210	0.875	1.130	890.360	689.620	681.826	7.794
2006	69658	53781.526	53166.486	615.040	0.883	1.144	865.543	668.268	660.626	7.642
2007	68565	52784.985	52148.044	636.941	0.929	1.207	842.687	648.745	640.917	7.828
2008	68226	52470.692	51735.268	735.424	1.078	1.402	828.542	637.208	628.277	8.931
2009	67509	51823.021	51029.554	793.467	1.175	1.531	809.661	621.533	612.017	9.516

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	1152525.252	7463.276	0.506	0.643	997.213	783.665	778.623	5.042

****

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	37048.012	19.372	0.012	0.052	2599.72	573.449	573.149	0.300
1992	164548	35863.851	35776.233	87.618	0.053	0.244	2502.33	545.392	544.060	1.332
1993	164362	35459.800	35256.303	203.497	0.124	0.574	2455.45	529.744	526.704	3.040
1994	159866	34293.631	33999.652	293.979	0.184	0.857	2344.16	502.857	498.547	4.311
1995	158083	33531.695	33108.263	423.432	0.268	1.263	2273.86	482.318	476.228	6.091
1996	154875	32438.163	31908.262	529.901	0.342	1.634	2193.60	459.443	451.938	7.505
1997	149970	31179.663	30560.740	618.923	0.413	1.985	2090.14	434.552	425.926	8.626
1998	145407	29860.736	29173.919	686.818	0.472	2.300	1993.81	409.447	400.030	9.418
1999	165952	34413.904	33452.302	961.602	0.579	2.794	2240.15	464.545	451.565	12.980
2000	160260	33265.290	32237.767	1027.523	0.641	3.089	2131.87	442.513	428.844	13.669
2001	154444	32074.102	30991.281	1082.821	0.701	3.376	2027.95	421.154	406.936	14.218
2002	151887	31817.956	30645.707	1172.249	0.772	3.684	1971.76	413.052	397.834	15.218
2003	146733	31025.931	29730.843	1295.089	0.883	4.174	1884.46	398.460	381.827	16.633
2004	138381	29503.602	28197.540	1306.062	0.944	4.427	1757.38	374.682	358.096	16.586
2005	135881	29077.894	27676.352	1401.542	1.031	4.820	1704.85	364.830	347.245	17.585
2006	131922	28385.448	26942.410	1443.038	1.094	5.084	1639.21	352.707	334.776	17.931
2007	126502	27327.625	25843.303	1484.322	1.173	5.432	1554.75	335.866	317.623	18.243
2008	125859	27025.472	25437.552	1587.920	1.262	5.876	1528.44	328.199	308.916	19.284
2009	122428	26361.626	24665.946	1695.680	1.385	6.432	1468.33	316.165	295.828	20.337

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	621035.284	17321.39	0.578	2.713	2024.64	431.261	419.559	11.702

****

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_12_Vary_starting_restarting_rates.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	4486.731	1.251	0.004	0.028	504.630	69.431	69.412	0.019
1992	32100	4371.196	4358.847	12.349	0.038	0.283	488.154	66.474	66.286	0.188
1993	32896	4414.136	4379.794	34.342	0.104	0.778	491.442	65.944	65.431	0.513
1994	33323	4474.895	4421.309	53.586	0.161	1.197	488.625	65.617	64.831	0.786
1995	33569	4476.290	4395.637	80.653	0.240	1.802	482.855	64.387	63.227	1.160
1996	33870	4489.078	4381.482	107.596	0.318	2.397	479.723	63.582	62.058	1.524
1997	33516	4444.866	4309.512	135.355	0.404	3.045	467.113	61.948	60.062	1.886
1998	32795	4313.427	4177.396	136.031	0.415	3.154	449.682	59.145	57.280	1.865
1999	33375	4232.739	4073.962	158.777	0.476	3.751	450.521	57.137	54.993	2.143
2000	33459	4307.577	4142.882	164.695	0.492	3.823	445.090	57.302	55.111	2.191
2001	32275	4136.308	3976.330	159.979	0.496	3.868	423.792	54.312	52.212	2.101
2002	31586	4079.175	3915.774	163.401	0.517	4.006	410.041	52.955	50.834	2.121
2003	30985	4096.221	3901.080	195.141	0.630	4.764	397.934	52.607	50.101	2.506
2004	29884	4034.217	3838.031	196.186	0.656	4.863	379.513	51.233	48.741	2.491
2005	28708	3944.303	3743.154	201.149	0.701	5.100	360.189	49.488	46.964	2.524
2006	28188	3970.169	3755.081	215.088	0.763	5.418	350.253	49.332	46.659	2.673
2007	28026	3957.558	3726.581	230.977	0.824	5.836	344.449	48.640	45.801	2.839
2008	27128	3812.302	3591.257	221.045	0.815	5.798	329.444	46.297	43.612	2.684
2009	27068	3827.467	3578.246	249.221	0.921	6.511	324.637	45.904	42.915	2.989

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	81740.682	2716.821	0.432	3.217	424.421	57.058	55.222	1.835

****

Main Results for E-Component Summarized over Simulations for Run: 9

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.852	3.578	0.010	0.018	527.418	301.804	301.749	0.055
1992	33942	19373.324	19358.701	14.623	0.043	0.075	516.166	294.616	294.393	0.222
1993	35913	20512.169	20479.664	32.505	0.091	0.158	536.514	306.437	305.951	0.486
1994	35074	19906.392	19851.608	54.785	0.156	0.275	514.300	291.893	291.090	0.803
1995	34669	19512.784	19427.163	85.621	0.247	0.439	498.677	280.671	279.440	1.232
1996	34582	19294.631	19186.550	108.081	0.313	0.560	489.808	273.283	271.752	1.531
1997	35267	19490.717	19374.527	116.189	0.329	0.596	491.517	271.643	270.023	1.619
1998	35675	19571.902	19386.216	185.686	0.520	0.949	489.172	268.368	265.822	2.546
1999	38516	21022.469	20752.762	269.707	0.700	1.283	519.919	283.777	280.137	3.641
2000	36283	19687.992	19363.911	324.081	0.893	1.646	482.656	261.900	257.589	4.311
2001	36281	19625.032	19256.056	368.975	1.017	1.880	476.394	257.690	252.845	4.845
2002	35983	19408.801	18991.450	417.350	1.160	2.150	467.122	251.960	246.542	5.418
2003	36205	19481.360	19066.068	415.292	1.147	2.132	464.974	250.195	244.862	5.334
2004	34611	18541.224	18139.949	401.275	1.159	2.164	439.544	235.465	230.369	5.096
2005	36826	19692.114	19242.244	449.870	1.222	2.285	462.043	247.070	241.426	5.644
2006	34350	18220.663	17821.357	399.306	1.162	2.192	426.820	226.403	221.441	4.962
2007	35326	18620.282	18213.636	406.645	1.151	2.184	434.168	228.849	223.852	4.998
2008	38248	20183.701	19643.674	540.026	1.412	2.676	464.487	245.112	238.554	6.558
2009	36902	19371.930	18823.835	548.094	1.485	2.829	442.580	232.335	225.762	6.574

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	385299.283	5141.690	0.721	1.317	481.512	263.774	260.301	3.474

Results for PHIM for Run 10 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA5
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_12_Vary_starting_restarting_rates
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

		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 10 (APPENDIX_12_Vary_starting_restarting_rates.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		SET2IA5

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.003680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.005880	0.000560	0.000560	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.003040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.001360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000600	0.000200	0.000200	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.003360	0.000320	0.000320	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.004760	0.001120	0.001120	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.002080	0.000960	0.000960	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000720	0.000640	0.000640	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000200	0.000400	0.000400	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 10 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	4678.00	51.52					
5	All Ages	Current CC	2146.00	23.63	116.00	4.83			
5	All Ages	Current MRTP	155.00	1.71					
5	All Ages	Current Dual	102.00	1.12					
5	All Ages	Former	1999.00	22.02			14.69	115.00	5.75

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	213.00	71.48					
5	18-19	Current CC	57.00	19.13	0.00	0.00			
5	18-19	Current MRTP	14.00	4.70					
5	18-19	Current Dual	12.00	4.03					
5	18-19	Former	2.00	0.67			0.50	2.00	100.00

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

Results for PHIM for Run 10 (APPENDIX_12_Vary_starting_restarting_rates.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	458.00	54.27					
5	20-24	Current CC	294.00	34.83	3.00	0.84			
5	20-24	Current MRTP	32.00	3.79					
5	20-24	Current Dual	31.00	3.67					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	434.00	52.23					
5	25-29	Current CC	225.00	27.08	9.00	3.47			
5	25-29	Current MRTP	23.00	2.77					
5	25-29	Current Dual	11.00	1.32					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	500.00	50.05					
5	30-34	Current CC	286.00	28.63	13.00	4.15			
5	30-34	Current MRTP	15.00	1.50					
5	30-34	Current Dual	12.00	1.20					
5	30-34	Former	186.00	18.62			7.66	13.00	6.99
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	544.00	48.48					
5	35-39	Current CC	304.00	27.09	8.00	2.36			
5	35-39	Current MRTP	21.00	1.87					
5	35-39	Current Dual	14.00	1.25					
5	35-39	Former	239.00	21.30			8.47	16.00	6.69
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 10 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4497.00	49.37					
10	All Ages	Current CC	2065.00	22.67	190.00	7.38			
10	All Ages	Current MRTP	312.00	3.43					
10	All Ages	Current Dual	196.00	2.15					
10	All Ages	Former	2039.00	22.38			16.05	112.00	5.49

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	432.00	53.14					
10	20-24	Current CC	237.00	29.15	0.00	0.00			
10	20-24	Current MRTP	54.00	6.64					
10	20-24	Current Dual	60.00	7.38					
10	20-24	Former	30.00	3.69			2.77	8.00	26.67

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	389.00	46.09					
10	25-29	Current CC	288.00	34.12	7.00	1.75			
10	25-29	Current MRTP	59.00	6.99					
10	25-29	Current Dual	52.00	6.16					
10	25-29	Former	56.00	6.64			4.88	12.00	21.43

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	387.00	46.57					
10	30-34	Current CC	210.00	25.27	14.00	5.04			
10	30-34	Current MRTP	39.00	4.69					
10	30-34	Current Dual	29.00	3.49					
10	30-34	Former	166.00	19.98			8.69	12.00	7.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	483.00	48.35					
10	35-39	Current CC	263.00	26.33	26.00	8.23			
10	35-39	Current MRTP	37.00	3.70					
10	35-39	Current Dual	16.00	1.60					
10	35-39	Former	200.00	20.02			11.11	8.00	4.00

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	544.00	48.48					
10	40-44	Current CC	264.00	23.53	18.00	6.00			
10	40-44	Current MRTP	25.00	2.23					
10	40-44	Current Dual	11.00	0.98					
10	40-44	Former	278.00	24.78			11.27	18.00	6.47

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 10 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4091.00	47.74					
15	All Ages	Current CC	1765.00	20.60	240.00	10.15			
15	All Ages	Current MRTP	370.00	4.32					
15	All Ages	Current Dual	229.00	2.67					
15	All Ages	Former	2115.00	24.68			16.88	146.00	6.90
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	353.00	43.42					
15	25-29	Current CC	251.00	30.87	3.00	0.76			
15	25-29	Current MRTP	75.00	9.23					
15	25-29	Current Dual	70.00	8.61					
15	25-29	Former	64.00	7.87			4.31	20.00	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	353.00	41.82					

Results for PHIM for Run 10 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	256.00	30.33	10.00	2.60			
15	30-34	Current MRTP	76.00	9.00					
15	30-34	Current Dual	52.00	6.16					
15	30-34	Former	107.00	12.68			5.82	22.00	20.56
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	376.00	45.25					
15	35-39	Current CC	182.00	21.90	23.00	9.06			
15	35-39	Current MRTP	42.00	5.05					
15	35-39	Current Dual	30.00	3.61					
15	35-39	Former	201.00	24.19			11.24	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	483.00	48.35					
15	40-44	Current CC	229.00	22.92	34.00	11.64			
15	40-44	Current MRTP	42.00	4.20					
15	40-44	Current Dual	21.00	2.10					
15	40-44	Former	224.00	22.42			13.96	10.00	4.46
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	544.00	48.48					
15	45-49	Current CC	229.00	20.41	25.00	8.83			
15	45-49	Current MRTP	37.00	3.30					
15	45-49	Current Dual	17.00	1.52					
15	45-49	Former	295.00	26.29			14.84	14.00	4.75
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3788.00	47.15					
20	All Ages	Current CC	1480.00	18.42	266.00	12.67			

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20	All Ages	Current MRTP	397.00	4.94					
20	All Ages	Current Dual	223.00	2.78					
20	All Ages	Former	2146.00	26.71			18.24	133.00	6.20
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	322.00	39.61					
20	30-34	Current CC	223.00	27.43	6.00	1.55			
20	30-34	Current MRTP	89.00	10.95					
20	30-34	Current Dual	76.00	9.35					
20	30-34	Former	103.00	12.67			6.26	19.00	18.45
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	341.00	40.40					
20	35-39	Current CC	224.00	26.54	14.00	3.91			
20	35-39	Current MRTP	84.00	9.95					
20	35-39	Current Dual	50.00	5.92					
20	35-39	Former	145.00	17.18			8.06	18.00	12.41
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	376.00	45.25					
20	40-44	Current CC	158.00	19.01	28.00	12.50			
20	40-44	Current MRTP	44.00	5.29					
20	40-44	Current Dual	22.00	2.65					
20	40-44	Former	231.00	27.80			14.12	8.00	3.46
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	483.00	48.35					
20	45-49	Current CC	206.00	20.62	38.00	14.13			
20	45-49	Current MRTP	42.00	4.20					
20	45-49	Current Dual	21.00	2.10					
20	45-49	Former	247.00	24.72			16.65	9.00	3.64
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	544.00	48.48					
20	50-54	Current CC	201.00	17.91	33.00	12.79			
20	50-54	Current MRTP	39.00	3.48					
20	50-54	Current Dual	18.00	1.60					
20	50-54	Former	320.00	28.52			17.56	18.00	5.63
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

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20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 10

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.489	8.372	0.004	0.014	2826.86	839.248	839.129	0.119
1992	198532	60226.142	60213.207	12.935	0.007	0.021	2778.64	842.922	842.741	0.181
1993	202512	62332.320	62281.167	51.152	0.025	0.082	2793.47	859.818	859.112	0.706
1994	200658	62691.239	62620.567	70.672	0.035	0.113	2725.82	851.622	850.662	0.960
1995	201023	63132.954	63019.805	113.150	0.056	0.179	2687.54	844.043	842.531	1.513
1996	201180	64309.880	64231.710	78.170	0.039	0.122	2653.67	848.280	847.249	1.031
1997	198639	64547.894	64435.407	112.487	0.057	0.174	2583.39	839.475	838.012	1.463
1998	197573	65384.866	65154.006	230.860	0.117	0.353	2533.29	838.367	835.407	2.960
1999	211329	67554.762	67182.861	371.900	0.176	0.551	2673.14	854.513	849.809	4.704
2000	208496	68184.366	67705.115	479.251	0.230	0.703	2604.20	851.652	845.666	5.986
2001	203606	68286.060	67672.085	613.976	0.302	0.899	2514.65	843.372	835.789	7.583
2002	200828	68983.996	68316.720	667.276	0.332	0.967	2455.47	843.450	835.292	8.159
2003	196352	68717.830	67836.507	881.323	0.449	1.283	2377.49	832.057	821.386	10.671
2004	188160	67344.952	66161.527	1183.425	0.629	1.757	2254.66	806.974	792.793	14.181
2005	186416	67846.650	66466.355	1380.295	0.740	2.034	2208.07	803.634	787.284	16.349
2006	180088	66622.465	64800.923	1821.542	1.011	2.734	2113.55	781.893	760.516	21.378
2007	175644	65977.201	63844.521	2132.680	1.214	3.232	2039.92	766.256	741.487	24.769
2008	177570	67121.344	64819.251	2302.092	1.296	3.430	2039.03	770.751	744.316	26.435
2009	172806	66622.993	63998.137	2624.856	1.519	3.940	1961.22	756.123	726.332	29.790

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	1287179.950	15136.41	0.388	1.162	2465.77	823.300	813.731	9.569

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.772	4.247	0.010	0.013	620.154	447.530	447.470	0.060
1992	45423	32811.446	32808.179	3.268	0.007	0.010	635.738	459.227	459.182	0.046
1993	46291	33467.735	33457.256	10.480	0.023	0.031	638.542	461.657	461.512	0.145
1994	47017	33989.389	33977.722	11.666	0.025	0.034	638.697	461.725	461.567	0.158
1995	47840	34566.580	34545.274	21.306	0.045	0.062	639.587	462.131	461.846	0.285
1996	48244	34997.958	34995.783	2.174	0.005	0.006	636.363	461.641	461.612	0.029
1997	49035	35549.658	35536.941	12.717	0.026	0.036	637.723	462.340	462.174	0.165
1998	49686	36138.033	36095.424	42.609	0.086	0.118	637.076	463.363	462.817	0.546
1999	48883	35506.142	35442.290	63.851	0.131	0.180	618.331	449.124	448.317	0.808
2000	50331	36573.306	36474.379	98.928	0.197	0.270	628.656	456.816	455.580	1.236
2001	50389	36733.445	36600.806	132.639	0.263	0.361	622.333	453.679	452.041	1.638
2002	51445	37627.700	37469.614	158.087	0.307	0.420	629.005	460.065	458.132	1.933
2003	51408	37552.784	37321.133	231.651	0.451	0.617	622.464	454.701	451.896	2.805
2004	51399	37527.823	37194.801	333.023	0.648	0.887	615.898	449.684	445.694	3.991
2005	51421	37486.186	37099.530	386.656	0.752	1.031	609.074	444.018	439.439	4.580
2006	51355	37409.496	36854.598	554.898	1.081	1.483	602.712	439.045	432.532	6.512
2007	51839	37602.867	36927.909	674.958	1.302	1.795	602.056	436.718	428.879	7.839
2008	50976	36986.957	36280.661	706.296	1.386	1.910	585.355	424.719	416.609	8.110
2009	51193	37201.944	36356.938	845.006	1.651	2.271	581.003	422.215	412.625	9.590

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	707610.380	4294.459	0.438	0.603	619.890	450.053	447.338	2.715

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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 Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.481	-0.502	-0.001	-0.004	1368.32	179.735	179.743	-0.007
1992	93721	12337.995	12331.791	6.205	0.007	0.050	1311.71	172.682	172.595	0.087
1993	93679	12401.934	12374.627	27.307	0.029	0.220	1292.22	171.073	170.697	0.377
1994	90832	12128.576	12084.416	44.160	0.049	0.364	1233.90	164.759	164.159	0.600
1995	89698	11958.696	11896.597	62.099	0.069	0.519	1199.20	159.879	159.049	0.830
1996	88286	12020.749	11950.604	70.146	0.079	0.584	1164.54	158.560	157.635	0.925
1997	84777	11593.724	11503.970	89.753	0.106	0.774	1102.56	150.782	149.614	1.167
1998	82517	11337.035	11196.797	140.238	0.170	1.237	1058.04	145.364	143.566	1.798
1999	93939	13027.458	12793.629	233.829	0.249	1.795	1188.25	164.787	161.829	2.958
2000	90039	12607.547	12347.534	260.013	0.289	2.062	1124.63	157.474	154.226	3.248
2001	86119	12350.451	12017.426	333.025	0.387	2.696	1063.62	152.535	148.422	4.113
2002	83014	12112.097	11752.885	359.212	0.433	2.966	1014.99	148.092	143.700	4.392
2003	79302	11683.252	11265.907	417.345	0.526	3.572	960.214	141.465	136.411	5.053
2004	73861	11139.095	10619.051	520.044	0.704	4.669	885.053	133.476	127.245	6.232
2005	71649	10884.683	10300.362	584.321	0.816	5.368	848.672	128.927	122.006	6.921
2006	67551	10397.565	9702.415	695.149	1.029	6.686	792.791	122.028	113.869	8.158
2007	63503	9785.831	9002.703	783.129	1.233	8.003	737.521	113.652	104.557	9.095
2008	63171	9922.524	9086.284	836.240	1.324	8.428	725.389	113.940	104.337	9.603
2009	59747	9483.598	8586.092	897.505	1.502	9.464	678.085	107.632	97.446	10.186

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	226123.331	6359.218	0.385	2.735	1043.56	146.971	142.951	4.020

****

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_12_Vary_starting_restarting_rates.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	3115.593	0.423	0.001	0.014	461.369	44.228	44.222	0.006
1992	32560	3095.448	3094.191	1.257	0.004	0.041	455.708	43.324	43.306	0.018
1993	32768	3114.516	3106.986	7.531	0.023	0.242	452.005	42.962	42.858	0.104
1994	33005	3168.398	3156.343	12.056	0.037	0.380	448.353	43.041	42.877	0.164
1995	33730	3200.274	3181.200	19.074	0.057	0.596	450.946	42.785	42.530	0.255
1996	33750	3234.738	3211.606	23.133	0.069	0.715	445.180	42.668	42.363	0.305
1997	33699	3240.665	3218.757	21.907	0.065	0.676	438.271	42.146	41.861	0.285
1998	33274	3171.578	3133.266	38.311	0.115	1.208	426.640	40.666	40.175	0.491
1999	33891	3153.786	3093.273	60.513	0.179	1.919	428.694	39.893	39.127	0.765
2000	33827	3237.043	3159.320	77.723	0.230	2.401	422.514	40.432	39.461	0.971
2001	32506	3110.972	3013.304	97.668	0.300	3.139	401.468	38.422	37.216	1.206
2002	32078	3123.298	3014.578	108.720	0.339	3.481	392.210	38.188	36.858	1.329
2003	30568	3025.984	2901.115	124.869	0.408	4.127	370.127	36.640	35.128	1.512
2004	29388	2983.453	2823.119	160.334	0.546	5.374	352.147	35.750	33.829	1.921
2005	27954	2926.679	2746.500	180.180	0.645	6.156	331.111	34.666	32.532	2.134
2006	27201	2889.308	2678.291	211.017	0.776	7.303	319.236	33.909	31.433	2.477
2007	26302	2810.025	2569.985	240.040	0.913	8.542	305.470	32.636	29.848	2.788
2008	25998	2773.025	2524.632	248.393	0.955	8.957	298.534	31.843	28.990	2.852
2009	25040	2723.293	2450.545	272.748	1.089	10.015	284.186	30.907	27.812	3.095

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	59385.848	1905.895	0.306	3.110	394.195	38.747	37.543	1.205

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Main Results for E-Component Summarized over Simulations for Run: 10

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.643	4.204	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11979.047	2.206	0.008	0.018	375.483	167.689	167.658	0.031
1993	29774	13348.134	13342.299	5.835	0.020	0.044	410.705	184.125	184.045	0.080
1994	29804	13404.876	13402.086	2.790	0.009	0.021	404.869	182.097	182.059	0.038
1995	29755	13407.404	13396.734	10.671	0.036	0.080	397.803	179.248	179.105	0.143
1996	30900	14056.435	14073.717	-17.282	-0.056	-0.123	407.587	185.412	185.639	-0.228
1997	31128	14163.848	14175.738	-11.890	-0.038	-0.084	404.834	184.207	184.362	-0.155
1998	32096	14738.220	14728.518	9.702	0.030	0.066	411.536	188.974	188.850	0.124
1999	34616	15867.376	15853.669	13.707	0.040	0.086	437.865	200.710	200.536	0.173
2000	34299	15766.470	15723.882	42.588	0.124	0.270	428.409	196.930	196.398	0.532
2001	34592	16091.193	16040.549	50.644	0.146	0.315	427.231	198.736	198.110	0.625
2002	34291	16120.902	16079.644	41.258	0.120	0.256	419.268	197.106	196.602	0.504
2003	35074	16455.810	16348.352	107.458	0.306	0.653	424.687	199.252	197.951	1.301
2004	33512	15694.580	15524.556	170.024	0.507	1.083	401.564	188.063	186.026	2.037
2005	35392	16549.102	16319.964	229.138	0.647	1.385	419.213	196.022	193.308	2.714
2006	33981	15926.096	15565.619	360.477	1.061	2.263	398.807	186.912	182.681	4.231
2007	34000	15778.477	15343.924	434.553	1.278	2.754	394.875	183.251	178.204	5.047
2008	37425	17438.838	16927.674	511.163	1.366	2.931	429.749	200.249	194.380	5.870
2009	36826	17214.158	16604.561	609.597	1.655	3.541	417.948	195.368	188.450	6.918

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	645593	296637.233	294060.391	2576.842	0.399	0.869	408.132	187.528	185.899	1.629

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA6
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_12_Vary_starting_restarting_rates
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

		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 11 (APPENDIX_12_Vary_starting_restarting_rates.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		SET2IA6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.005520	0.000240	0.000240	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.008820	0.000840	0.000840	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.004560	0.000720	0.000720	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.002040	0.000480	0.000480	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000900	0.000300	0.000300	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.005040	0.000480	0.000480	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.007140	0.001680	0.001680	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.003120	0.001440	0.001440	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.001080	0.000960	0.000960	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000300	0.000600	0.000600	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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Main Output for the Smoking History Summarized over Simulations for Run: 11, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.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	3486.00	37.99					
5	All Ages	Current CC	2699.00	29.41	146.00	4.75			
5	All Ages	Current MRTP	205.00	2.23					
5	All Ages	Current Dual	169.00	1.84					
5	All Ages	Former	2618.00	28.53			15.38	164.00	6.26

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	187.00	55.16					
5	18-19	Current CC	113.00	33.33	1.00	0.67			
5	18-19	Current MRTP	21.00	6.19					
5	18-19	Current Dual	16.00	4.72					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

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

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.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	443.00	48.42					
5	20-24	Current CC	336.00	36.72	1.00	0.23			
5	20-24	Current MRTP	45.00	4.92					
5	20-24	Current Dual	46.00	5.03					
5	20-24	Former	45.00	4.92			2.42	16.00	35.56
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	448.00	46.76					
5	25-29	Current CC	323.00	33.72	4.00	1.03			
5	25-29	Current MRTP	34.00	3.55					
5	25-29	Current Dual	32.00	3.34					
5	25-29	Former	121.00	12.63			4.69	27.00	22.31
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	449.00	41.81					
5	30-34	Current CC	368.00	34.26	9.00	2.13			
5	30-34	Current MRTP	29.00	2.70					
5	30-34	Current Dual	26.00	2.42					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	463.00	42.75					
5	35-39	Current CC	342.00	31.58	14.00	3.85			
5	35-39	Current MRTP	14.00	1.29					
5	35-39	Current Dual	8.00	0.74					
5	35-39	Former	256.00	23.64			7.70	23.00	8.98
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	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3354.00	35.78					
10	All Ages	Current CC	2652.00	28.29	248.00	7.43			
10	All Ages	Current MRTP	401.00	4.28					
10	All Ages	Current Dual	285.00	3.04					
10	All Ages	Former	2683.00	28.62			16.75	200.00	7.45

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	330.00	36.83					
10	20-24	Current CC	372.00	41.52	2.00	0.39			
10	20-24	Current MRTP	79.00	8.82					
10	20-24	Current Dual	62.00	6.92					
10	20-24	Former	53.00	5.92			1.98	23.00	43.40

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	331.00	36.17					
10	25-29	Current CC	355.00	38.80	7.00	1.43			
10	25-29	Current MRTP	69.00	7.54					
10	25-29	Current Dual	67.00	7.32					
10	25-29	Former	93.00	10.16			4.26	30.00	32.26

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	371.00	38.73					
10	30-34	Current CC	304.00	31.73	10.00	2.35			
10	30-34	Current MRTP	63.00	6.58					
10	30-34	Current Dual	59.00	6.16					
10	30-34	Former	161.00	16.81			7.35	23.00	14.29

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	431.00	40.13					
10	35-39	Current CC	330.00	30.73	21.00	5.07			
10	35-39	Current MRTP	52.00	4.84					
10	35-39	Current Dual	32.00	2.98					
10	35-39	Former	229.00	21.32			9.87	14.00	6.11

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	463.00	42.75					
10	40-44	Current CC	289.00	26.69	28.00	8.48			
10	40-44	Current MRTP	27.00	2.49					
10	40-44	Current Dual	14.00	1.29					
10	40-44	Former	290.00	26.78			10.88	22.00	7.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

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

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

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3110.00	34.84					
15	All Ages	Current CC	2325.00	26.04	313.00	9.97			
15	All Ages	Current MRTP	494.00	5.53					
15	All Ages	Current Dual	320.00	3.58					
15	All Ages	Former	2678.00	30.00			17.91	180.00	6.72
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	248.00	27.68					
15	25-29	Current CC	351.00	39.17	5.00	0.93			
15	25-29	Current MRTP	102.00	11.38					
15	25-29	Current Dual	85.00	9.49					
15	25-29	Former	110.00	12.28			4.21	28.00	25.45
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	294.00	32.13					

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	318.00	34.75	13.00	2.72			
15	30-34	Current MRTP	86.00	9.40					
15	30-34	Current Dual	74.00	8.09					
15	30-34	Former	143.00	15.63			6.25	28.00	19.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	352.00	36.74					
15	35-39	Current CC	271.00	28.29	21.00	5.17			
15	35-39	Current MRTP	69.00	7.20					
15	35-39	Current Dual	66.00	6.89					
15	35-39	Former	200.00	20.88			9.64	26.00	13.00

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	431.00	40.13					
15	40-44	Current CC	290.00	27.00	28.00	7.47			
15	40-44	Current MRTP	53.00	4.93					
15	40-44	Current Dual	32.00	2.98					
15	40-44	Former	268.00	24.95			12.44	17.00	6.34

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	463.00	42.75					
15	45-49	Current CC	263.00	24.28	41.00	12.89			
15	45-49	Current MRTP	41.00	3.79					
15	45-49	Current Dual	14.00	1.29					
15	45-49	Former	302.00	27.89			14.78	10.00	3.31

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	2935.00	34.83					
20	All Ages	Current CC	1931.00	22.91	368.00	13.03			

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	554.00	6.57					
20	All Ages	Current Dual	340.00	4.03					
20	All Ages	Former	2667.00	31.65			18.70	176.00	6.60
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	209.00	23.33					
20	30-34	Current CC	308.00	34.38	12.00	2.32			
20	30-34	Current MRTP	122.00	13.62					
20	30-34	Current Dual	88.00	9.82					
20	30-34	Former	169.00	18.86			6.25	29.00	17.16
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	278.00	30.38					
20	35-39	Current CC	272.00	29.73	20.00	4.48			
20	35-39	Current MRTP	100.00	10.93					
20	35-39	Current Dual	74.00	8.09					
20	35-39	Former	191.00	20.87			8.38	25.00	13.09
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	352.00	36.74					
20	40-44	Current CC	243.00	25.37	27.00	7.20			
20	40-44	Current MRTP	68.00	7.10					
20	40-44	Current Dual	64.00	6.68					
20	40-44	Former	231.00	24.11			12.38	15.00	6.49
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	431.00	40.13					
20	45-49	Current CC	261.00	24.30	36.00	10.43			
20	45-49	Current MRTP	53.00	4.93					
20	45-49	Current Dual	31.00	2.89					
20	45-49	Former	298.00	27.75			15.10	20.00	6.71
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	463.00	42.75					
20	50-54	Current CC	221.00	20.41	50.00	17.18			
20	50-54	Current MRTP	54.00	4.99					
20	50-54	Current Dual	16.00	1.48					
20	50-54	Former	329.00	30.38			17.46	14.00	4.26
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 11 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

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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	124100.178	32.405	0.010	0.026	4845.61	1920.39	1919.89	0.501
1992	308577	122143.718	121999.857	143.861	0.047	0.118	4692.62	1857.47	1855.29	2.188
1993	311713	123269.216	122936.049	333.167	0.107	0.270	4656.77	1841.55	1836.58	4.977
1994	305700	120480.723	119981.682	499.041	0.163	0.414	4482.57	1766.64	1759.33	7.318
1995	303225	118666.569	117931.895	734.674	0.242	0.619	4361.58	1706.89	1696.33	10.568
1996	299559	116607.195	115681.014	926.181	0.309	0.794	4242.85	1651.58	1638.47	13.118
1997	294226	114665.051	113600.712	1064.340	0.362	0.928	4100.64	1598.09	1583.26	14.834
1998	289258	113038.380	111763.986	1274.394	0.441	1.127	3966.28	1549.97	1532.50	17.474
1999	311002	117067.463	115355.353	1712.110	0.551	1.462	4198.14	1580.27	1557.16	23.111
2000	303786	114977.407	113064.676	1912.732	0.630	1.664	4041.13	1529.49	1504.05	25.444
2001	296294	113047.319	111002.061	2045.258	0.690	1.809	3890.54	1484.39	1457.53	26.856
2002	291898	111744.742	109525.496	2219.246	0.760	1.986	3789.34	1450.64	1421.83	28.810
2003	285865	110551.854	108186.423	2365.431	0.827	2.140	3671.31	1419.80	1389.42	30.379
2004	274177	107418.262	105054.748	2363.514	0.862	2.200	3481.92	1364.16	1334.15	30.016
2005	272379	107678.770	105163.112	2515.658	0.924	2.336	3417.44	1351.01	1319.44	31.563
2006	264118	104357.806	101879.524	2478.282	0.938	2.375	3281.83	1296.71	1265.92	30.794
2007	258419	102690.449	100149.041	2541.409	0.983	2.475	3176.05	1262.10	1230.86	31.235
2008	259461	103492.166	100666.935	2825.232	1.089	2.730	3150.91	1256.82	1222.51	34.310
2009	253907	101384.044	98391.581	2992.463	1.179	2.952	3045.20	1215.94	1180.05	35.890

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	2242264.282	30979.40	0.533	1.363	3927.78	1535.76	1514.83	20.929

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.950	8.835	0.011	0.014	1213.84	975.702	975.566	0.137
1992	77987	62535.347	62504.256	31.092	0.040	0.050	1185.97	950.993	950.520	0.473
1993	78542	62883.111	62817.099	66.012	0.084	0.105	1173.36	939.428	938.442	0.986
1994	77437	61805.804	61703.767	102.037	0.132	0.165	1135.48	906.276	904.780	1.496
1995	76904	61145.799	60993.143	152.656	0.199	0.250	1106.18	879.519	877.323	2.196
1996	76232	60385.323	60193.500	191.823	0.252	0.318	1079.72	855.277	852.560	2.717
1997	75473	59549.806	59341.258	208.547	0.276	0.350	1051.87	829.947	827.041	2.907
1998	75381	59292.315	59003.810	288.505	0.383	0.487	1033.62	813.010	809.054	3.956
1999	73159	57398.351	57041.365	356.987	0.488	0.622	987.557	774.807	769.988	4.819
2000	73784	57716.549	57278.253	438.295	0.594	0.759	981.515	767.777	761.946	5.830
2001	73294	57211.877	56721.092	490.786	0.670	0.858	962.399	751.230	744.786	6.444
2002	72442	56438.810	55899.164	539.646	0.745	0.956	940.422	732.673	725.668	7.006
2003	71942	55948.341	55385.152	563.189	0.783	1.007	923.937	718.533	711.301	7.233
2004	71301	55339.218	54751.632	587.587	0.824	1.062	905.490	702.783	695.321	7.462
2005	70964	54964.459	54355.621	608.839	0.858	1.108	890.360	689.620	681.981	7.639
2006	69658	53781.526	53181.679	599.847	0.861	1.115	865.543	668.268	660.815	7.453
2007	68565	52784.985	52165.292	619.693	0.904	1.174	842.687	648.745	641.129	7.616
2008	68226	52470.692	51757.982	712.710	1.045	1.358	828.542	637.208	628.553	8.655
2009	67509	51823.021	51058.266	764.755	1.133	1.476	809.661	621.533	612.361	9.172

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152656.689	7331.840	0.497	0.632	997.213	783.665	778.712	4.953

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Main Results for E-Component Summarized over Simulations for Run: 11

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37048.552	18.832	0.011	0.051	2599.72	573.449	573.158	0.291
1992	164548	35863.851	35777.785	86.067	0.052	0.240	2502.33	545.392	544.083	1.309
1993	164362	35459.800	35258.971	200.829	0.122	0.566	2455.45	529.744	526.743	3.000
1994	159866	34293.631	34004.001	289.630	0.181	0.845	2344.16	502.857	498.610	4.247
1995	158083	33531.695	33114.458	417.236	0.264	1.244	2273.86	482.318	476.317	6.002
1996	154875	32438.163	31917.416	520.747	0.336	1.605	2193.60	459.443	452.067	7.376
1997	149970	31179.663	30572.360	607.303	0.405	1.948	2090.14	434.552	426.088	8.464
1998	145407	29860.736	29191.752	668.984	0.460	2.240	1993.81	409.447	400.274	9.173
1999	165952	34413.904	33480.832	933.072	0.562	2.711	2240.15	464.545	451.950	12.595
2000	160260	33265.290	32271.077	994.213	0.620	2.989	2131.87	442.513	429.287	13.226
2001	154444	32074.102	31036.860	1037.241	0.672	3.234	2027.95	421.154	407.535	13.620
2002	151887	31817.956	30703.845	1114.112	0.734	3.502	1971.76	413.052	398.589	14.463
2003	146733	31025.931	29812.569	1213.363	0.827	3.911	1884.46	398.460	382.877	15.583
2004	138381	29503.602	28299.178	1204.424	0.870	4.082	1757.38	374.682	359.387	15.296
2005	135881	29077.894	27791.777	1286.117	0.947	4.423	1704.85	364.830	348.694	16.136
2006	131922	28385.448	27084.617	1300.830	0.986	4.583	1639.21	352.707	336.543	16.164
2007	126502	27327.625	25999.763	1327.862	1.050	4.859	1554.75	335.866	319.546	16.320
2008	125859	27025.472	25619.780	1405.692	1.117	5.201	1528.44	328.199	311.129	17.071
2009	122428	26361.626	24868.593	1493.033	1.220	5.664	1468.33	316.165	298.259	17.907

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	2996888	638356.673	622237.085	16119.59	0.538	2.525	2024.64	431.261	420.371	10.890

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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_12_Vary_starting_restarting_rates.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	4486.806	1.176	0.004	0.026	504.630	69.431	69.413	0.018
1992	32100	4371.196	4359.070	12.126	0.038	0.277	488.154	66.474	66.290	0.184
1993	32896	4414.136	4380.239	33.897	0.103	0.768	491.442	65.944	65.438	0.506
1994	33323	4474.895	4422.109	52.787	0.158	1.180	488.625	65.617	64.843	0.774
1995	33569	4476.290	4396.813	79.478	0.237	1.776	482.855	64.387	63.244	1.143
1996	33870	4489.078	4383.177	105.902	0.313	2.359	479.723	63.582	62.082	1.500
1997	33516	4444.866	4311.864	133.002	0.397	2.992	467.113	61.948	60.095	1.854
1998	32795	4313.427	4181.161	132.265	0.403	3.066	449.682	59.145	57.332	1.814
1999	33375	4232.739	4078.961	153.777	0.461	3.633	450.521	57.137	55.061	2.076
2000	33459	4307.577	4149.333	158.244	0.473	3.674	445.090	57.302	55.197	2.105
2001	32275	4136.308	3985.073	151.235	0.469	3.656	423.792	54.312	52.327	1.986
2002	31586	4079.175	3926.639	152.536	0.483	3.739	410.041	52.955	50.975	1.980
2003	30985	4096.221	3917.281	178.940	0.578	4.368	397.934	52.607	50.309	2.298
2004	29884	4034.217	3857.027	177.189	0.593	4.392	379.513	51.233	48.982	2.250
2005	28708	3944.303	3765.707	178.595	0.622	4.528	360.189	49.488	47.247	2.241
2006	28188	3970.169	3782.879	187.290	0.664	4.717	350.253	49.332	47.005	2.327
2007	28026	3957.558	3759.025	198.532	0.708	5.017	344.449	48.640	46.200	2.440
2008	27128	3812.302	3630.793	181.508	0.669	4.761	329.444	46.297	44.093	2.204
2009	27068	3827.467	3623.889	203.578	0.752	5.319	324.637	45.904	43.463	2.442

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	81985.445	2472.059	0.393	2.927	424.421	57.058	55.388	1.670

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Main Results for E-Component Summarized over Simulations for Run: 11

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

Note: Death rates are per million population

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.869	3.562	0.010	0.018	527.418	301.804	301.749	0.055
1992	33942	19373.324	19358.747	14.577	0.043	0.075	516.166	294.616	294.394	0.222
1993	35913	20512.169	20479.739	32.429	0.090	0.158	536.514	306.437	305.952	0.484
1994	35074	19906.392	19851.806	54.587	0.156	0.274	514.300	291.893	291.093	0.800
1995	34669	19512.784	19427.481	85.304	0.246	0.437	498.677	280.671	279.444	1.227
1996	34582	19294.631	19186.921	107.709	0.311	0.558	489.808	273.283	271.757	1.526
1997	35267	19490.717	19375.229	115.488	0.327	0.593	491.517	271.643	270.033	1.610
1998	35675	19571.902	19387.262	184.640	0.518	0.943	489.172	268.368	265.836	2.532
1999	38516	21022.469	20754.195	268.274	0.697	1.276	519.919	283.777	280.156	3.621
2000	36283	19687.992	19366.013	321.979	0.887	1.635	482.656	261.900	257.617	4.283
2001	36281	19625.032	19259.035	365.996	1.009	1.865	476.394	257.690	252.884	4.806
2002	35983	19408.801	18995.848	412.952	1.148	2.128	467.122	251.960	246.599	5.361
2003	36205	19481.360	19071.421	409.939	1.132	2.104	464.974	250.195	244.930	5.265
2004	34611	18541.224	18146.911	394.314	1.139	2.127	439.544	235.465	230.458	5.008
2005	36826	19692.114	19250.007	442.107	1.201	2.245	462.043	247.070	241.523	5.547
2006	34350	18220.663	17830.348	390.315	1.136	2.142	426.820	226.403	221.553	4.850
2007	35326	18620.282	18224.960	395.322	1.119	2.123	434.168	228.849	223.991	4.859
2008	38248	20183.701	19658.379	525.321	1.373	2.603	464.487	245.112	238.733	6.380
2009	36902	19371.930	18840.833	531.097	1.439	2.742	442.580	232.335	225.965	6.370

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	385385.063	5055.911	0.709	1.295	481.512	263.774	260.358	3.416

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA6
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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: 12, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Assumption Set	SET2IA6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.005520	0.000240	0.000240	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.008820	0.000840	0.000840	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.004560	0.000720	0.000720	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.002040	0.000480	0.000480	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000900	0.000300	0.000300	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.005040	0.000480	0.000480	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.007140	0.001680	0.001680	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.003120	0.001440	0.001440	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.001080	0.000960	0.000960	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000300	0.000600	0.000600	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	4483.00	49.37					
5	All Ages	Current CC	2265.00	24.94	116.00	4.48			
5	All Ages	Current MRTP	182.00	2.00					
5	All Ages	Current Dual	143.00	1.57					
5	All Ages	Former	2007.00	22.10			14.64	118.00	5.88

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	176.00	59.06					
5	18-19	Current CC	81.00	27.18	0.00	0.00			
5	18-19	Current MRTP	16.00	5.37					
5	18-19	Current Dual	23.00	7.72					
5	18-19	Former	2.00	0.67			0.50	2.00	100.00

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

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.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	376.00	44.55					
5	20-24	Current CC	351.00	41.59	3.00	0.69			
5	20-24	Current MRTP	49.00	5.81					
5	20-24	Current Dual	36.00	4.27					
5	20-24	Former	32.00	3.79			2.78	10.00	31.25
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	390.00	46.93					
5	25-29	Current CC	240.00	28.88	9.00	3.00			
5	25-29	Current MRTP	33.00	3.97					
5	25-29	Current Dual	27.00	3.25					
5	25-29	Former	141.00	16.97			5.30	15.00	10.64
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	474.00	47.45					
5	30-34	Current CC	299.00	29.93	13.00	3.86			
5	30-34	Current MRTP	13.00	1.30					
5	30-34	Current Dual	25.00	2.50					
5	30-34	Former	188.00	18.82			7.59	14.00	7.45
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	538.00	47.95					
5	35-39	Current CC	314.00	27.99	8.00	2.32			
5	35-39	Current MRTP	21.00	1.87					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	239.00	21.30			8.47	16.00	6.69
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4207.00	46.19					
10	All Ages	Current CC	2239.00	24.58	190.00	6.73			
10	All Ages	Current MRTP	346.00	3.80					
10	All Ages	Current Dual	237.00	2.60					
10	All Ages	Former	2080.00	22.83			15.79	128.00	6.15

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	330.00	40.59					
10	20-24	Current CC	317.00	38.99	0.00	0.00			
10	20-24	Current MRTP	57.00	7.01					
10	20-24	Current Dual	64.00	7.87					
10	20-24	Former	45.00	5.54			2.56	17.00	37.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	294.00	34.83					
10	25-29	Current CC	348.00	41.23	7.00	1.44			
10	25-29	Current MRTP	80.00	9.48					
10	25-29	Current Dual	58.00	6.87					
10	25-29	Former	64.00	7.58			4.67	16.00	25.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	331.00	39.83					
10	30-34	Current CC	222.00	26.71	14.00	4.35			
10	30-34	Current MRTP	52.00	6.26					
10	30-34	Current Dual	48.00	5.78					
10	30-34	Former	178.00	21.42			8.34	13.00	7.30

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	452.00	45.25					
10	35-39	Current CC	277.00	27.73	26.00	7.60			
10	35-39	Current MRTP	35.00	3.50					
10	35-39	Current Dual	30.00	3.00					
10	35-39	Former	205.00	20.52			10.91	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	538.00	47.95					
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	279.00	24.87			11.24	18.00	6.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3796.00	44.29					
15	All Ages	Current CC	1936.00	22.59	245.00	9.43			
15	All Ages	Current MRTP	394.00	4.60					
15	All Ages	Current Dual	269.00	3.14					
15	All Ages	Former	2175.00	25.38			16.56	160.00	7.36
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	257.00	31.61					
15	25-29	Current CC	328.00	40.34	5.00	1.06			
15	25-29	Current MRTP	77.00	9.47					
15	25-29	Current Dual	66.00	8.12					
15	25-29	Former	85.00	10.46			4.53	25.00	29.41
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	250.00	29.62					

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	315.00	37.32	10.00	2.12			
15	30-34	Current MRTP	91.00	10.78					
15	30-34	Current Dual	66.00	7.82					
15	30-34	Former	122.00	14.45			5.66	28.00	22.95
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	317.00	38.15					
15	35-39	Current CC	196.00	23.59	26.00	8.72			
15	35-39	Current MRTP	54.00	6.50					
15	35-39	Current Dual	48.00	5.78					
15	35-39	Former	216.00	25.99			10.88	17.00	7.87
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	452.00	45.25					
15	40-44	Current CC	242.00	24.22	34.00	10.76			
15	40-44	Current MRTP	39.00	3.90					
15	40-44	Current Dual	35.00	3.50					
15	40-44	Former	231.00	23.12			13.73	10.00	4.33
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	538.00	47.95					
15	45-49	Current CC	237.00	21.12	25.00	8.71			
15	45-49	Current MRTP	35.00	3.12					
15	45-49	Current Dual	15.00	1.34					
15	45-49	Former	297.00	26.47			14.77	14.00	4.71
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	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3490.00	43.44					
20	All Ages	Current CC	1635.00	20.35	275.00	11.87			

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	420.00	5.23					
20	All Ages	Current Dual	261.00	3.25					
20	All Ages	Former	2228.00	27.73			17.85	142.00	6.37
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	223.00	27.43					
20	30-34	Current CC	291.00	35.79	7.00	1.54			
20	30-34	Current MRTP	89.00	10.95					
20	30-34	Current Dual	74.00	9.10					
20	30-34	Former	136.00	16.73			6.57	20.00	14.71
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	238.00	28.20					
20	35-39	Current CC	276.00	32.70	15.00	3.44			
20	35-39	Current MRTP	101.00	11.97					
20	35-39	Current Dual	59.00	6.99					
20	35-39	Former	170.00	20.14			7.83	23.00	13.53
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	317.00	38.15					
20	40-44	Current CC	172.00	20.70	33.00	12.41			
20	40-44	Current MRTP	54.00	6.50					
20	40-44	Current Dual	40.00	4.81					
20	40-44	Former	248.00	29.84			13.76	10.00	4.03
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	452.00	45.25					
20	45-49	Current CC	219.00	21.92	40.00	13.61			
20	45-49	Current MRTP	39.00	3.90					
20	45-49	Current Dual	36.00	3.60					
20	45-49	Former	253.00	25.33			16.50	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	538.00	47.95					
20	50-54	Current CC	209.00	18.63	33.00	12.55			
20	50-54	Current MRTP	38.00	3.39					
20	50-54	Current Dual	16.00	1.43					
20	50-54	Former	321.00	28.61			17.56	18.00	5.61
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 12 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 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	59119.890	7.971	0.004	0.013	2826.86	839.248	839.134	0.113
1992	198532	60226.142	60214.764	11.378	0.006	0.019	2778.64	842.922	842.763	0.159
1993	202512	62332.320	62284.932	47.388	0.023	0.076	2793.47	859.818	859.164	0.654
1994	200658	62691.239	62627.058	64.181	0.032	0.102	2725.82	851.622	850.750	0.872
1995	201023	63132.954	63028.875	104.080	0.052	0.165	2687.54	844.043	842.652	1.391
1996	201180	64309.880	64244.409	65.472	0.033	0.102	2653.67	848.280	847.416	0.864
1997	198639	64547.894	64452.840	95.054	0.048	0.147	2583.39	839.475	838.239	1.236
1998	197573	65384.866	65179.458	205.408	0.104	0.314	2533.29	838.367	835.733	2.634
1999	211329	67554.762	67219.032	335.730	0.159	0.497	2673.14	854.513	850.267	4.247
2000	208496	68184.366	67745.466	438.900	0.211	0.644	2604.20	851.652	846.170	5.482
2001	203606	68286.060	67725.951	560.110	0.275	0.820	2514.65	843.372	836.455	6.918
2002	200828	68983.996	68385.742	598.254	0.298	0.867	2455.47	843.450	836.135	7.315
2003	196352	68717.830	67922.530	795.300	0.405	1.157	2377.49	832.057	822.428	9.630
2004	188160	67344.952	66271.471	1073.481	0.571	1.594	2254.66	806.974	794.110	12.863
2005	186416	67846.650	66588.680	1257.970	0.675	1.854	2208.07	803.634	788.733	14.900
2006	180088	66622.465	64944.182	1678.282	0.932	2.519	2113.55	781.893	762.197	19.697
2007	175644	65977.201	64011.013	1966.188	1.119	2.980	2039.92	766.256	743.421	22.835
2008	177570	67121.344	65028.192	2093.152	1.179	3.118	2039.03	770.751	746.715	24.036
2009	172806	66622.993	64253.983	2369.010	1.371	3.556	1961.22	756.123	729.236	26.887

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	1288549.057	13767.31	0.353	1.057	2465.77	823.300	814.597	8.703

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.797	4.222	0.010	0.013	620.154	447.530	447.470	0.060
1992	45423	32811.446	32808.292	3.154	0.007	0.010	635.738	459.227	459.183	0.044
1993	46291	33467.735	33457.542	10.193	0.022	0.030	638.542	461.657	461.516	0.141
1994	47017	33989.389	33978.280	11.109	0.024	0.033	638.697	461.725	461.574	0.151
1995	47840	34566.580	34546.129	20.452	0.043	0.059	639.587	462.131	461.857	0.273
1996	48244	34997.958	34997.084	0.874	0.002	0.002	636.363	461.641	461.629	0.012
1997	49035	35549.658	35538.980	10.677	0.022	0.030	637.723	462.340	462.201	0.139
1998	49686	36138.033	36098.898	39.135	0.079	0.108	637.076	463.363	462.861	0.502
1999	48883	35506.142	35447.118	59.023	0.121	0.166	618.331	449.124	448.378	0.747
2000	50331	36573.306	36480.068	93.239	0.185	0.255	628.656	456.816	455.652	1.165
2001	50389	36733.445	36608.754	124.691	0.247	0.339	622.333	453.679	452.139	1.540
2002	51445	37627.700	37480.306	147.394	0.287	0.392	629.005	460.065	458.262	1.802
2003	51408	37552.784	37335.376	217.408	0.423	0.579	622.464	454.701	452.069	2.632
2004	51399	37527.823	37214.035	313.788	0.610	0.836	615.898	449.684	445.924	3.760
2005	51421	37486.186	37120.838	365.348	0.711	0.975	609.074	444.018	439.691	4.327
2006	51355	37409.496	36881.232	528.264	1.029	1.412	602.712	439.045	432.845	6.200
2007	51839	37602.867	36960.057	642.811	1.240	1.709	602.056	436.718	429.252	7.466
2008	50976	36986.957	36320.771	666.186	1.307	1.801	585.355	424.719	417.070	7.650
2009	51193	37201.944	36411.581	790.363	1.544	2.125	581.003	422.215	413.245	8.970

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	707856.508	4048.331	0.413	0.569	619.890	450.053	447.494	2.559

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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	12663.740	-0.760	-0.001	-0.006	1368.32	179.735	179.746	-0.011
1992	93721	12337.995	12332.756	5.239	0.006	0.042	1311.71	172.682	172.609	0.073
1993	93679	12401.934	12376.993	24.941	0.027	0.201	1292.22	171.073	170.729	0.344
1994	90832	12128.576	12088.127	40.448	0.045	0.333	1233.90	164.759	164.210	0.549
1995	89698	11958.696	11901.628	57.068	0.064	0.477	1199.20	159.879	159.116	0.763
1996	88286	12020.749	11957.478	63.271	0.072	0.526	1164.54	158.560	157.725	0.835
1997	84777	11593.724	11513.020	80.704	0.095	0.696	1102.56	150.782	149.732	1.050
1998	82517	11337.035	11210.107	126.928	0.154	1.120	1058.04	145.364	143.736	1.627
1999	93939	13027.458	12813.325	214.133	0.228	1.644	1188.25	164.787	162.078	2.709
2000	90039	12607.547	12368.224	239.323	0.266	1.898	1124.63	157.474	154.484	2.989
2001	86119	12350.451	12045.260	305.191	0.354	2.471	1063.62	152.535	148.766	3.769
2002	83014	12112.097	11787.052	325.045	0.392	2.684	1014.99	148.092	144.117	3.974
2003	79302	11683.252	11309.343	373.909	0.472	3.200	960.214	141.465	136.937	4.527
2004	73861	11139.095	10673.883	465.212	0.630	4.176	885.053	133.476	127.902	5.574
2005	71649	10884.683	10359.053	525.630	0.734	4.829	848.672	128.927	122.701	6.226
2006	67551	10397.565	9770.615	626.950	0.928	6.030	792.791	122.028	114.670	7.358
2007	63503	9785.831	9080.106	705.725	1.111	7.212	737.521	113.652	105.456	8.196
2008	63171	9922.524	9186.266	736.258	1.166	7.420	725.389	113.940	105.485	8.454
2009	59747	9483.598	8702.711	780.887	1.307	8.234	678.085	107.632	98.769	8.863

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	226786.448	5696.101	0.345	2.450	1043.56	146.971	143.370	3.601

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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_12_Vary_starting_restarting_rates.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	3115.691	0.325	0.001	0.010	461.369	44.228	44.223	0.005
1992	32560	3095.448	3094.597	0.850	0.003	0.027	455.708	43.324	43.312	0.012
1993	32768	3114.516	3107.902	6.614	0.020	0.212	452.005	42.962	42.871	0.091
1994	33005	3168.398	3158.182	10.216	0.031	0.322	448.353	43.041	42.902	0.139
1995	33730	3200.274	3183.717	16.557	0.049	0.517	450.946	42.785	42.564	0.221
1996	33750	3234.738	3215.196	19.543	0.058	0.604	445.180	42.668	42.410	0.258
1997	33699	3240.665	3223.803	16.861	0.050	0.520	438.271	42.146	41.927	0.219
1998	33274	3171.578	3140.097	31.481	0.095	0.993	426.640	40.666	40.262	0.404
1999	33891	3153.786	3102.096	51.690	0.153	1.639	428.694	39.893	39.239	0.654
2000	33827	3237.043	3170.076	66.967	0.198	2.069	422.514	40.432	39.596	0.836
2001	32506	3110.972	3026.498	84.474	0.260	2.715	401.468	38.422	37.379	1.043
2002	32078	3123.298	3032.149	91.149	0.284	2.918	392.210	38.188	37.073	1.114
2003	30568	3025.984	2921.617	104.366	0.341	3.449	370.127	36.640	35.376	1.264
2004	29388	2983.453	2849.850	133.604	0.455	4.478	352.147	35.750	34.149	1.601
2005	27954	2926.679	2776.221	150.458	0.538	5.141	331.111	34.666	32.884	1.782
2006	27201	2889.308	2712.373	176.935	0.650	6.124	319.236	33.909	31.833	2.077
2007	26302	2810.025	2610.070	199.955	0.760	7.116	305.470	32.636	30.313	2.322
2008	25998	2773.025	2570.590	202.435	0.779	7.300	298.534	31.843	29.518	2.325
2009	25040	2723.293	2504.476	218.817	0.874	8.035	284.186	30.907	28.424	2.483

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	59708.444	1583.299	0.254	2.583	394.195	38.747	37.747	1.001

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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	11814.663	4.185	0.016	0.035	377.015	167.754	167.695	0.059
1992	26828	11981.252	11979.118	2.135	0.008	0.018	375.483	167.689	167.659	0.030
1993	29774	13348.134	13342.495	5.639	0.019	0.042	410.705	184.125	184.048	0.078
1994	29804	13404.876	13402.468	2.408	0.008	0.018	404.869	182.097	182.064	0.033
1995	29755	13407.404	13397.401	10.003	0.034	0.075	397.803	179.248	179.114	0.134
1996	30900	14056.435	14074.651	-18.216	-0.059	-0.130	407.587	185.412	185.652	-0.240
1997	31128	14163.848	14177.036	-13.188	-0.042	-0.093	404.834	184.207	184.379	-0.172
1998	32096	14738.220	14730.356	7.864	0.025	0.053	411.536	188.974	188.873	0.101
1999	34616	15867.376	15856.492	10.884	0.031	0.069	437.865	200.710	200.572	0.138
2000	34299	15766.470	15727.098	39.371	0.115	0.250	428.409	196.930	196.438	0.492
2001	34592	16091.193	16045.439	45.754	0.132	0.284	427.231	198.736	198.170	0.565
2002	34291	16120.902	16086.235	34.666	0.101	0.215	419.268	197.106	196.682	0.424
2003	35074	16455.810	16356.194	99.616	0.284	0.605	424.687	199.252	198.046	1.206
2004	33512	15694.580	15533.703	160.877	0.480	1.025	401.564	188.063	186.136	1.928
2005	35392	16549.102	16332.568	216.533	0.612	1.308	419.213	196.022	193.457	2.565
2006	33981	15926.096	15579.963	346.133	1.019	2.173	398.807	186.912	182.849	4.062
2007	34000	15778.477	15360.780	417.697	1.229	2.647	394.875	183.251	178.399	4.851
2008	37425	17438.838	16950.565	488.273	1.305	2.800	429.749	200.249	194.642	5.607
2009	36826	17214.158	16635.215	578.942	1.572	3.363	417.948	195.368	188.798	6.571

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	294197.656	2439.577	0.378	0.822	408.132	187.528	185.986	1.542

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA7
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.RTF)

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

****

STP values for Run: 13, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET2IA7

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.007360	0.000320	0.000320	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.011760	0.001120	0.001120	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.006080	0.000960	0.000960	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.002720	0.000640	0.000640	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.001200	0.000400	0.000400	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.006720	0.000640	0.000640	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.009520	0.002240	0.002240	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.004160	0.001920	0.001920	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.001440	0.001280	0.001280	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000400	0.000800	0.000800	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	3304.00	36.00					
5	All Ages	Current CC	2826.00	30.79	146.00	4.50			
5	All Ages	Current MRTP	223.00	2.43					
5	All Ages	Current Dual	199.00	2.17					
5	All Ages	Former	2625.00	28.60			15.34	171.00	6.51

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	148.00	43.66					
5	18-19	Current CC	145.00	42.77	1.00	0.53			
5	18-19	Current MRTP	16.00	4.72					
5	18-19	Current Dual	27.00	7.96					
5	18-19	Former	3.00	0.88			1.00	2.00	66.67

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

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.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	366.00	40.00					
5	20-24	Current CC	394.00	43.06	1.00	0.20			
5	20-24	Current MRTP	57.00	6.23					
5	20-24	Current Dual	49.00	5.36					
5	20-24	Former	49.00	5.36			2.27	20.00	40.82
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	414.00	43.22					
5	25-29	Current CC	348.00	36.33	4.00	0.95			
5	25-29	Current MRTP	40.00	4.18					
5	25-29	Current Dual	33.00	3.44					
5	25-29	Former	123.00	12.84			4.62	29.00	23.58
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	427.00	39.76					
5	30-34	Current CC	379.00	35.29	9.00	2.02			
5	30-34	Current MRTP	32.00	2.98					
5	30-34	Current Dual	34.00	3.17					
5	30-34	Former	202.00	18.81			6.40	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	453.00	41.83					
5	35-39	Current CC	343.00	31.67	14.00	3.74			
5	35-39	Current MRTP	16.00	1.48					
5	35-39	Current Dual	15.00	1.39					
5	35-39	Former	256.00	23.64			7.70	23.00	8.98
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	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3092.00	32.98					
10	All Ages	Current CC	2813.00	30.01	250.00	7.01			
10	All Ages	Current MRTP	421.00	4.49					
10	All Ages	Current Dual	331.00	3.53					
10	All Ages	Former	2718.00	28.99			16.57	214.00	7.87

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	230.00	25.67					
10	20-24	Current CC	439.00	49.00	2.00	0.34			
10	20-24	Current MRTP	72.00	8.04					
10	20-24	Current Dual	86.00	9.60					
10	20-24	Former	69.00	7.70			1.94	32.00	46.38

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	253.00	27.65					
10	25-29	Current CC	408.00	44.59	7.00	1.25			
10	25-29	Current MRTP	79.00	8.63					
10	25-29	Current Dual	72.00	7.87					
10	25-29	Former	103.00	11.26			4.13	35.00	33.98

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	327.00	34.13					
10	30-34	Current CC	332.00	34.66	11.00	2.36			
10	30-34	Current MRTP	77.00	8.04					
10	30-34	Current Dual	57.00	5.95					
10	30-34	Former	165.00	17.22			7.29	21.00	12.73

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	401.00	37.34					
10	35-39	Current CC	341.00	31.75	22.00	5.01			
10	35-39	Current MRTP	53.00	4.93					
10	35-39	Current Dual	45.00	4.19					
10	35-39	Former	234.00	21.79			9.71	16.00	6.84

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	453.00	41.83					
10	40-44	Current CC	291.00	26.87	28.00	8.24			
10	40-44	Current MRTP	29.00	2.68					
10	40-44	Current Dual	20.00	1.85					
10	40-44	Former	290.00	26.78			10.88	22.00	7.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

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

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

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	2852.00	31.95					
15	All Ages	Current CC	2471.00	27.68	319.00	9.55			
15	All Ages	Current MRTP	524.00	5.87					
15	All Ages	Current Dual	346.00	3.88					
15	All Ages	Former	2734.00	30.63			17.65	188.00	6.88
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 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	158.00	17.63					
15	25-29	Current CC	416.00	46.43	6.00	0.98			
15	25-29	Current MRTP	100.00	11.16					
15	25-29	Current Dual	95.00	10.60					
15	25-29	Former	127.00	14.17			4.46	29.00	22.83
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	218.00	23.83					

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	367.00	40.11	15.00	2.79			
15	30-34	Current MRTP	96.00	10.49					
15	30-34	Current Dual	75.00	8.20					
15	30-34	Former	159.00	17.38			6.14	33.00	20.75
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	300.00	31.32					
15	35-39	Current CC	293.00	30.58	22.00	4.92			
15	35-39	Current MRTP	93.00	9.71					
15	35-39	Current Dual	61.00	6.37					
15	35-39	Former	211.00	22.03			9.43	25.00	11.85
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	401.00	37.34					
15	40-44	Current CC	299.00	27.84	30.00	7.56			
15	40-44	Current MRTP	52.00	4.84					
15	40-44	Current Dual	46.00	4.28					
15	40-44	Former	276.00	25.70			12.24	18.00	6.52
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	453.00	41.83					
15	45-49	Current CC	264.00	24.38	41.00	12.65			
15	45-49	Current MRTP	40.00	3.69					
15	45-49	Current Dual	20.00	1.85					
15	45-49	Former	306.00	28.25			14.61	12.00	3.92
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	2689.00	31.91					
20	All Ages	Current CC	2056.00	24.40	384.00	12.79			

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	580.00	6.88					
20	All Ages	Current Dual	367.00	4.36					
20	All Ages	Former	2735.00	32.46			18.43	181.00	6.62
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	131.00	14.62					
20	30-34	Current CC	364.00	40.63	17.00	2.98			
20	30-34	Current MRTP	109.00	12.17					
20	30-34	Current Dual	98.00	10.94					
20	30-34	Former	194.00	21.65			6.41	30.00	15.46
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	202.00	22.08					
20	35-39	Current CC	311.00	33.99	25.00	5.00			
20	35-39	Current MRTP	116.00	12.68					
20	35-39	Current Dual	73.00	7.98					
20	35-39	Former	213.00	23.28			8.23	27.00	12.68
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	300.00	31.32					
20	40-44	Current CC	263.00	27.45	30.00	7.18			
20	40-44	Current MRTP	94.00	9.81					
20	40-44	Current Dual	61.00	6.37					
20	40-44	Former	240.00	25.05			12.27	17.00	7.08
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	401.00	37.34					
20	45-49	Current CC	270.00	25.14	39.00	10.57			
20	45-49	Current MRTP	53.00	4.93					
20	45-49	Current Dual	46.00	4.28					
20	45-49	Former	304.00	28.31			15.05	20.00	6.58
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	453.00	41.83					
20	50-54	Current CC	222.00	20.50	50.00	16.95			
20	50-54	Current MRTP	51.00	4.71					
20	50-54	Current Dual	22.00	2.03					
20	50-54	Former	335.00	30.93			17.25	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	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 13 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

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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	124101.193	31.390	0.010	0.025	4845.61	1920.39	1919.90	0.486
1992	308577	122143.718	122003.991	139.727	0.045	0.114	4692.62	1857.47	1855.35	2.125
1993	311713	123269.216	122943.062	326.155	0.105	0.265	4656.77	1841.55	1836.68	4.873
1994	305700	120480.723	119992.388	488.335	0.160	0.405	4482.57	1766.64	1759.48	7.161
1995	303225	118666.569	117944.961	721.608	0.238	0.608	4361.58	1706.89	1696.52	10.380
1996	299559	116607.195	115702.423	904.771	0.302	0.776	4242.85	1651.58	1638.77	12.815
1997	294226	114665.051	113632.667	1032.384	0.351	0.900	4100.64	1598.09	1583.70	14.388
1998	289258	113038.380	111802.300	1236.080	0.427	1.094	3966.28	1549.97	1533.02	16.949
1999	311002	117067.463	115409.706	1657.757	0.533	1.416	4198.14	1580.27	1557.89	22.378
2000	303786	114977.407	113127.619	1849.789	0.609	1.609	4041.13	1529.49	1504.88	24.607
2001	296294	113047.319	111094.030	1953.289	0.659	1.728	3890.54	1484.39	1458.74	25.648
2002	291898	111744.742	109647.753	2096.989	0.718	1.877	3789.34	1450.64	1423.42	27.223
2003	285865	110551.854	108331.595	2220.259	0.777	2.008	3671.31	1419.80	1391.28	28.514
2004	274177	107418.262	105210.868	2207.394	0.805	2.055	3481.92	1364.16	1336.13	28.033
2005	272379	107678.770	105330.465	2348.305	0.862	2.181	3417.44	1351.01	1321.54	29.463
2006	264118	104357.806	102088.854	2268.952	0.859	2.174	3281.83	1296.71	1268.52	28.193
2007	258419	102690.449	100395.042	2295.407	0.888	2.235	3176.05	1262.10	1233.89	28.211
2008	259461	103492.166	100946.568	2545.598	0.981	2.460	3150.91	1256.82	1225.90	30.914
2009	253907	101384.044	98695.420	2688.623	1.059	2.652	3045.20	1215.94	1183.69	32.246

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	2244230.867	29012.81	0.499	1.276	3927.78	1535.76	1516.16	19.600

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.980	8.806	0.011	0.014	1213.84	975.702	975.566	0.136
1992	77987	62535.347	62504.397	30.950	0.040	0.049	1185.97	950.993	950.522	0.471
1993	78542	62883.111	62817.389	65.722	0.084	0.105	1173.36	939.428	938.446	0.982
1994	77437	61805.804	61704.232	101.572	0.131	0.164	1135.48	906.276	904.787	1.489
1995	76904	61145.799	60993.763	152.036	0.198	0.249	1106.18	879.519	877.332	2.187
1996	76232	60385.323	60194.737	190.586	0.250	0.316	1079.72	855.277	852.578	2.699
1997	75473	59549.806	59343.313	206.492	0.274	0.347	1051.87	829.947	827.069	2.878
1998	75381	59292.315	59006.343	285.972	0.379	0.482	1033.62	813.010	809.089	3.921
1999	73159	57398.351	57044.681	353.670	0.483	0.616	987.557	774.807	770.033	4.774
2000	73784	57716.549	57282.594	433.955	0.588	0.752	981.515	767.777	762.004	5.773
2001	73294	57211.877	56727.745	484.133	0.661	0.846	962.399	751.230	744.873	6.357
2002	72442	56438.810	55909.051	529.759	0.731	0.939	940.422	732.673	725.796	6.877
2003	71942	55948.341	55397.185	551.157	0.766	0.985	923.937	718.533	711.455	7.078
2004	71301	55339.218	54765.672	573.547	0.804	1.036	905.490	702.783	695.499	7.284
2005	70964	54964.459	54371.063	593.396	0.836	1.080	890.360	689.620	682.174	7.445
2006	69658	53781.526	53202.250	579.277	0.832	1.077	865.543	668.268	661.071	7.198
2007	68565	52784.985	52191.675	593.309	0.865	1.124	842.687	648.745	641.453	7.292
2008	68226	52470.692	51788.514	682.178	1.000	1.300	828.542	637.208	628.924	8.284
2009	67509	51823.021	51092.889	730.132	1.082	1.409	809.661	621.533	612.777	8.757

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	1152841.880	7146.649	0.484	0.616	997.213	783.665	778.837	4.828

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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 Year	Number 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	37049.408	17.976	0.011	0.048	2599.72	573.449	573.171	0.278
1992	164548	35863.851	35781.274	82.577	0.050	0.230	2502.33	545.392	544.136	1.256
1993	164362	35459.800	35264.715	195.085	0.119	0.550	2455.45	529.744	526.829	2.914
1994	159866	34293.631	34012.606	281.025	0.176	0.819	2344.16	502.857	498.737	4.121
1995	158083	33531.695	33124.639	407.056	0.257	1.214	2273.86	482.318	476.463	5.855
1996	154875	32438.163	31934.253	503.910	0.325	1.553	2193.60	459.443	452.306	7.137
1997	149970	31179.663	30597.001	582.662	0.389	1.869	2090.14	434.552	426.431	8.121
1998	145407	29860.736	29220.841	639.895	0.440	2.143	1993.81	409.447	400.673	8.774
1999	165952	34413.904	33523.625	890.279	0.536	2.587	2240.15	464.545	452.528	12.018
2000	160260	33265.290	32319.080	946.210	0.590	2.844	2131.87	442.513	429.926	12.587
2001	154444	32074.102	31106.931	967.171	0.626	3.015	2027.95	421.154	408.455	12.700
2002	151887	31817.956	30796.772	1021.184	0.672	3.209	1971.76	413.052	399.795	13.257
2003	146733	31025.931	29920.789	1105.142	0.753	3.562	1884.46	398.460	384.267	14.193
2004	138381	29503.602	28413.904	1089.698	0.787	3.693	1757.38	374.682	360.844	13.839
2005	135881	29077.894	27912.870	1165.024	0.857	4.007	1704.85	364.830	350.213	14.617
2006	131922	28385.448	27235.282	1150.165	0.872	4.052	1639.21	352.707	338.415	14.292
2007	126502	27327.625	26172.855	1154.770	0.913	4.226	1554.75	335.866	321.673	14.193
2008	125859	27025.472	25814.905	1210.566	0.962	4.479	1528.44	328.199	313.498	14.701
2009	122428	26361.626	25077.043	1284.582	1.049	4.873	1468.33	316.165	300.759	15.406

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	623661.695	14694.98	0.490	2.302	2024.64	431.261	421.333	9.928

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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_12_Vary_starting_restarting_rates.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	4486.915	1.068	0.003	0.024	504.630	69.431	69.415	0.017
1992	32100	4371.196	4359.497	11.699	0.036	0.268	488.154	66.474	66.296	0.178
1993	32896	4414.136	4381.084	33.052	0.100	0.749	491.442	65.944	65.450	0.494
1994	33323	4474.895	4423.448	51.448	0.154	1.150	488.625	65.617	64.862	0.754
1995	33569	4476.290	4398.628	77.662	0.231	1.735	482.855	64.387	63.270	1.117
1996	33870	4489.078	4385.954	103.125	0.304	2.297	479.723	63.582	62.121	1.461
1997	33516	4444.866	4316.095	128.771	0.384	2.897	467.113	61.948	60.154	1.795
1998	32795	4313.427	4186.514	126.912	0.387	2.942	449.682	59.145	57.405	1.740
1999	33375	4232.739	4085.516	147.222	0.441	3.478	450.521	57.137	55.149	1.987
2000	33459	4307.577	4157.512	150.065	0.449	3.484	445.090	57.302	55.305	1.996
2001	32275	4136.308	3996.685	139.624	0.433	3.376	423.792	54.312	52.479	1.833
2002	31586	4079.175	3940.924	138.251	0.438	3.389	410.041	52.955	51.160	1.795
2003	30985	4096.221	3936.180	160.041	0.517	3.907	397.934	52.607	50.552	2.055
2004	29884	4034.217	3877.315	156.902	0.525	3.889	379.513	51.233	49.240	1.993
2005	28708	3944.303	3788.592	155.711	0.542	3.948	360.189	49.488	47.534	1.954
2006	28188	3970.169	3811.448	158.721	0.563	3.998	350.253	49.332	47.360	1.972
2007	28026	3957.558	3792.628	164.930	0.588	4.167	344.449	48.640	46.613	2.027
2008	27128	3812.302	3669.158	143.143	0.528	3.755	329.444	46.297	44.559	1.738
2009	27068	3827.467	3666.872	160.595	0.593	4.196	324.637	45.904	43.978	1.926

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	82248.562	2208.941	0.352	2.615	424.421	57.058	55.565	1.492

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Main Results for E-Component Summarized over Simulations for Run: 13

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

Note: Death rates are per million population

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.890	3.540	0.010	0.018	527.418	301.804	301.749	0.055
1992	33942	19373.324	19358.823	14.501	0.043	0.075	516.166	294.616	294.395	0.221
1993	35913	20512.169	20479.873	32.296	0.090	0.157	536.514	306.437	305.954	0.482
1994	35074	19906.392	19852.103	54.290	0.155	0.273	514.300	291.893	291.097	0.796
1995	34669	19512.784	19427.931	84.854	0.245	0.435	498.677	280.671	279.451	1.221
1996	34582	19294.631	19187.479	107.151	0.310	0.555	489.808	273.283	271.765	1.518
1997	35267	19490.717	19376.257	114.459	0.325	0.587	491.517	271.643	270.047	1.595
1998	35675	19571.902	19388.602	183.300	0.514	0.937	489.172	268.368	265.854	2.513
1999	38516	21022.469	20755.883	266.585	0.692	1.268	519.919	283.777	280.179	3.599
2000	36283	19687.992	19368.434	319.558	0.881	1.623	482.656	261.900	257.649	4.251
2001	36281	19625.032	19262.670	362.362	0.999	1.846	476.394	257.690	252.932	4.758
2002	35983	19408.801	19001.007	407.794	1.133	2.101	467.122	251.960	246.666	5.294
2003	36205	19481.360	19077.441	403.919	1.116	2.073	464.974	250.195	245.008	5.187
2004	34611	18541.224	18153.977	387.247	1.119	2.089	439.544	235.465	230.547	4.918
2005	36826	19692.114	19257.940	434.174	1.179	2.205	462.043	247.070	241.623	5.447
2006	34350	18220.663	17839.873	380.790	1.109	2.090	426.820	226.403	221.671	4.732
2007	35326	18620.282	18237.883	382.398	1.082	2.054	434.168	228.849	224.150	4.700
2008	38248	20183.701	19673.990	509.711	1.333	2.525	464.487	245.112	238.922	6.190
2009	36902	19371.930	18858.616	513.314	1.391	2.650	442.580	232.335	226.179	6.156

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	385478.730	4962.244	0.696	1.271	481.512	263.774	260.422	3.352

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA7
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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	SET2IA7

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.007360	0.000320	0.000320	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.011760	0.001120	0.001120	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.006080	0.000960	0.000960	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.002720	0.000640	0.000640	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.001200	0.000400	0.000400	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.006720	0.000640	0.000640	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.009520	0.002240	0.002240	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.004160	0.001920	0.001920	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.001440	0.001280	0.001280	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000400	0.000800	0.000800	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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	4326.00	47.64					
5	All Ages	Current CC	2372.00	26.12	116.00	4.24			
5	All Ages	Current MRTP	212.00	2.33					
5	All Ages	Current Dual	153.00	1.69					
5	All Ages	Former	2017.00	22.21			14.57	125.00	6.20

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	136.00	45.64					
5	18-19	Current CC	116.00	38.93	0.00	0.00			
5	18-19	Current MRTP	24.00	8.05					
5	18-19	Current Dual	20.00	6.71					
5	18-19	Former	2.00	0.67			0.50	2.00	100.00

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

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.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	326.00	38.63					
5	20-24	Current CC	395.00	46.80	3.00	0.62			
5	20-24	Current MRTP	50.00	5.92					
5	20-24	Current Dual	36.00	4.27					
5	20-24	Former	37.00	4.38			2.51	14.00	37.84
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	354.00	42.60					
5	25-29	Current CC	257.00	30.93	9.00	2.70			
5	25-29	Current MRTP	47.00	5.66					
5	25-29	Current Dual	29.00	3.49					
5	25-29	Former	144.00	17.33			5.19	18.00	12.50
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	454.00	45.45					
5	30-34	Current CC	305.00	30.53	13.00	3.64			
5	30-34	Current MRTP	22.00	2.20					
5	30-34	Current Dual	30.00	3.00					
5	30-34	Former	188.00	18.82			7.59	14.00	7.45
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	527.00	46.97					
5	35-39	Current CC	319.00	28.43	8.00	2.26			
5	35-39	Current MRTP	19.00	1.69					
5	35-39	Current Dual	16.00	1.43					
5	35-39	Former	241.00	21.48			8.42	16.00	6.64
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3966.00	43.54					
10	All Ages	Current CC	2375.00	26.07	191.00	6.28			
10	All Ages	Current MRTP	402.00	4.41					
10	All Ages	Current Dual	262.00	2.88					
10	All Ages	Former	2104.00	23.10			15.65	135.00	6.42

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	232.00	28.54					
10	20-24	Current CC	376.00	46.25	0.00	0.00			
10	20-24	Current MRTP	81.00	9.96					
10	20-24	Current Dual	75.00	9.23					
10	20-24	Former	49.00	6.03			2.55	18.00	36.73

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	232.00	27.49					
10	25-29	Current CC	399.00	47.27	8.00	1.47			
10	25-29	Current MRTP	83.00	9.83					
10	25-29	Current Dual	63.00	7.46					
10	25-29	Former	67.00	7.94			4.82	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	285.00	34.30					
10	30-34	Current CC	239.00	28.76	14.00	3.91			
10	30-34	Current MRTP	69.00	8.30					
10	30-34	Current Dual	50.00	6.02					
10	30-34	Former	188.00	22.62			8.07	16.00	8.51

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	428.00	42.84					
10	35-39	Current CC	283.00	28.33	26.00	7.18			
10	35-39	Current MRTP	47.00	4.70					
10	35-39	Current Dual	32.00	3.20					
10	35-39	Former	209.00	20.92			10.74	13.00	6.22

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	527.00	46.97					
10	40-44	Current CC	275.00	24.51	18.00	5.75			
10	40-44	Current MRTP	24.00	2.14					
10	40-44	Current Dual	14.00	1.25					
10	40-44	Former	282.00	25.13			11.17	19.00	6.74

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3562.00	41.56					
15	All Ages	Current CC	2050.00	23.92	252.00	9.04			
15	All Ages	Current MRTP	449.00	5.24					
15	All Ages	Current Dual	288.00	3.36					
15	All Ages	Former	2221.00	25.92			16.32	168.00	7.56
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	163.00	20.05					
15	25-29	Current CC	381.00	46.86	7.00	1.27			
15	25-29	Current MRTP	91.00	11.19					
15	25-29	Current Dual	78.00	9.59					
15	25-29	Former	100.00	12.30			4.22	31.00	31.00
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	191.00	22.63					

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	351.00	41.59	12.00	2.31			
15	30-34	Current MRTP	102.00	12.09					
15	30-34	Current Dual	66.00	7.82					
15	30-34	Former	134.00	15.88			5.66	28.00	20.90
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	271.00	32.61					
15	35-39	Current CC	211.00	25.39	26.00	7.85			
15	35-39	Current MRTP	70.00	8.42					
15	35-39	Current Dual	50.00	6.02					
15	35-39	Former	229.00	27.56			10.64	19.00	8.30
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	428.00	42.84					
15	40-44	Current CC	250.00	25.03	37.00	10.95			
15	40-44	Current MRTP	52.00	5.21					
15	40-44	Current Dual	36.00	3.60					
15	40-44	Former	233.00	23.32			13.67	10.00	4.29
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	527.00	46.97					
15	45-49	Current CC	239.00	21.30	25.00	8.50			
15	45-49	Current MRTP	36.00	3.21					
15	45-49	Current Dual	19.00	1.69					
15	45-49	Former	301.00	26.83			14.68	14.00	4.65
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3265.00	40.64					
20	All Ages	Current CC	1730.00	21.53	285.00	11.47			

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	473.00	5.89					
20	All Ages	Current Dual	281.00	3.50					
20	All Ages	Former	2285.00	28.44			17.60	153.00	6.70
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	140.00	17.22					
20	30-34	Current CC	332.00	40.84	11.00	2.15			
20	30-34	Current MRTP	105.00	12.92					
20	30-34	Current Dual	75.00	9.23					
20	30-34	Former	161.00	19.80			6.23	30.00	18.63
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	177.00	20.97					
20	35-39	Current CC	310.00	36.73	20.00	4.11			
20	35-39	Current MRTP	110.00	13.03					
20	35-39	Current Dual	67.00	7.94					
20	35-39	Former	180.00	21.33			8.02	22.00	12.22
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	271.00	32.61					
20	40-44	Current CC	183.00	22.02	34.00	11.30			
20	40-44	Current MRTP	73.00	8.78					
20	40-44	Current Dual	45.00	5.42					
20	40-44	Former	259.00	31.17			13.68	10.00	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	428.00	42.84					
20	45-49	Current CC	227.00	22.72	40.00	12.86			
20	45-49	Current MRTP	48.00	4.80					
20	45-49	Current Dual	36.00	3.60					
20	45-49	Former	260.00	26.03			16.20	12.00	4.62
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	527.00	46.97					
20	50-54	Current CC	210.00	18.72	33.00	12.22			
20	50-54	Current MRTP	38.00	3.39					
20	50-54	Current Dual	22.00	1.96					
20	50-54	Former	325.00	28.97			17.51	18.00	5.54
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 14 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 14

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59120.161	7.700	0.004	0.013	2826.86	839.248	839.138	0.109
1992	198532	60226.142	60216.145	9.997	0.005	0.017	2778.64	842.922	842.782	0.140
1993	202512	62332.320	62287.842	44.478	0.022	0.071	2793.47	859.818	859.204	0.614
1994	200658	62691.239	62631.529	59.710	0.030	0.095	2725.82	851.622	850.811	0.811
1995	201023	63132.954	63035.747	97.208	0.048	0.154	2687.54	844.043	842.744	1.300
1996	201180	64309.880	64255.044	54.836	0.027	0.085	2653.67	848.280	847.557	0.723
1997	198639	64547.894	64465.400	82.494	0.042	0.128	2583.39	839.475	838.402	1.073
1998	197573	65384.866	65196.331	188.535	0.095	0.288	2533.29	838.367	835.950	2.417
1999	211329	67554.762	67240.763	313.998	0.149	0.465	2673.14	854.513	850.542	3.972
2000	208496	68184.366	67773.458	410.909	0.197	0.603	2604.20	851.652	846.519	5.132
2001	203606	68286.060	67763.247	522.813	0.257	0.766	2514.65	843.372	836.915	6.457
2002	200828	68983.996	68432.047	551.949	0.275	0.800	2455.47	843.450	836.702	6.749
2003	196352	68717.830	67976.307	741.524	0.378	1.079	2377.49	832.057	823.079	8.979
2004	188160	67344.952	66333.425	1011.527	0.538	1.502	2254.66	806.974	794.853	12.121
2005	186416	67846.650	66663.388	1183.262	0.635	1.744	2208.07	803.634	789.618	14.016
2006	180088	66622.465	65033.979	1588.486	0.882	2.384	2113.55	781.893	763.251	18.643
2007	175644	65977.201	64114.427	1862.774	1.061	2.823	2039.92	766.256	744.622	21.634
2008	177570	67121.344	65150.401	1970.942	1.110	2.936	2039.03	770.751	748.119	22.632
2009	172806	66622.993	64393.134	2229.859	1.290	3.347	1961.22	756.123	730.815	25.307

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	1289383.365	12933.00	0.332	0.993	2465.77	823.300	815.124	8.176

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.817	4.202	0.010	0.013	620.154	447.530	447.470	0.060
1992	45423	32811.446	32808.404	3.043	0.007	0.009	635.738	459.227	459.185	0.043
1993	46291	33467.735	33457.753	9.982	0.022	0.030	638.542	461.657	461.519	0.138
1994	47017	33989.389	33978.654	10.735	0.023	0.032	638.697	461.725	461.579	0.146
1995	47840	34566.580	34546.792	19.788	0.041	0.057	639.587	462.131	461.866	0.265
1996	48244	34997.958	34998.221	-0.263	-0.001	-0.001	636.363	461.641	461.644	-0.003
1997	49035	35549.658	35540.640	9.017	0.018	0.025	637.723	462.340	462.222	0.117
1998	49686	36138.033	36101.177	36.856	0.074	0.102	637.076	463.363	462.890	0.473
1999	48883	35506.142	35450.049	56.093	0.115	0.158	618.331	449.124	448.415	0.710
2000	50331	36573.306	36484.237	89.070	0.177	0.244	628.656	456.816	455.704	1.113
2001	50389	36733.445	36614.446	118.999	0.236	0.324	622.333	453.679	452.210	1.470
2002	51445	37627.700	37487.875	139.825	0.272	0.372	629.005	460.065	458.355	1.710
2003	51408	37552.784	37343.831	208.953	0.406	0.556	622.464	454.701	452.171	2.530
2004	51399	37527.823	37224.775	303.048	0.590	0.808	615.898	449.684	446.053	3.631
2005	51421	37486.186	37134.229	351.957	0.684	0.939	609.074	444.018	439.850	4.169
2006	51355	37409.496	36898.470	511.026	0.995	1.366	602.712	439.045	433.047	5.997
2007	51839	37602.867	36980.414	622.454	1.201	1.655	602.056	436.718	429.489	7.229
2008	50976	36986.957	36344.330	642.627	1.261	1.737	585.355	424.719	417.340	7.379
2009	51193	37201.944	36440.582	761.362	1.487	2.047	581.003	422.215	413.574	8.641

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	708006.066	3898.773	0.398	0.548	619.890	450.053	447.588	2.465

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Main Results for E-Component Summarized over Simulations for Run: 14

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.919	-0.939	-0.001	-0.007	1368.32	179.735	179.749	-0.013
1992	93721	12337.995	12333.621	4.375	0.005	0.035	1311.71	172.682	172.621	0.061
1993	93679	12401.934	12378.794	23.140	0.025	0.187	1292.22	171.073	170.754	0.319
1994	90832	12128.576	12090.660	37.915	0.042	0.313	1233.90	164.759	164.244	0.515
1995	89698	11958.696	11905.527	53.169	0.059	0.445	1199.20	159.879	159.169	0.711
1996	88286	12020.749	11963.294	57.456	0.065	0.478	1164.54	158.560	157.802	0.758
1997	84777	11593.724	11519.425	74.298	0.088	0.641	1102.56	150.782	149.815	0.966
1998	82517	11337.035	11218.480	118.555	0.144	1.046	1058.04	145.364	143.844	1.520
1999	93939	13027.458	12824.679	202.779	0.216	1.557	1188.25	164.787	162.222	2.565
2000	90039	12607.547	12381.963	225.584	0.251	1.789	1124.63	157.474	154.656	2.818
2001	86119	12350.451	12063.553	286.897	0.333	2.323	1063.62	152.535	148.992	3.543
2002	83014	12112.097	11808.896	303.201	0.365	2.503	1014.99	148.092	144.384	3.707
2003	79302	11683.252	11335.140	348.112	0.439	2.980	960.214	141.465	137.249	4.215
2004	73861	11139.095	10703.568	435.527	0.590	3.910	885.053	133.476	128.258	5.219
2005	71649	10884.683	10393.522	491.161	0.686	4.512	848.672	128.927	123.110	5.818
2006	67551	10397.565	9811.870	585.694	0.867	5.633	792.791	122.028	115.154	6.874
2007	63503	9785.831	9126.325	659.506	1.039	6.739	737.521	113.652	105.993	7.659
2008	63171	9922.524	9242.085	680.439	1.077	6.858	725.389	113.940	106.126	7.813
2009	59747	9483.598	8763.254	720.344	1.206	7.596	678.085	107.632	99.457	8.175

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	227175.337	5307.213	0.322	2.283	1043.56	146.971	143.616	3.355

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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_12_Vary_starting_restarting_rates.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	3115.752	0.264	0.001	0.008	461.369	44.228	44.224	0.004
1992	32560	3095.448	3094.943	0.505	0.002	0.016	455.708	43.324	43.317	0.007
1993	32768	3114.516	3108.640	5.876	0.018	0.189	452.005	42.962	42.881	0.081
1994	33005	3168.398	3159.475	8.924	0.027	0.282	448.353	43.041	42.920	0.121
1995	33730	3200.274	3185.581	14.693	0.044	0.459	450.946	42.785	42.589	0.196
1996	33750	3234.738	3218.143	16.595	0.049	0.513	445.180	42.668	42.449	0.219
1997	33699	3240.665	3227.405	13.260	0.039	0.409	438.271	42.146	41.974	0.172
1998	33274	3171.578	3145.014	26.564	0.080	0.838	426.640	40.666	40.325	0.341
1999	33891	3153.786	3107.706	46.081	0.136	1.461	428.694	39.893	39.310	0.583
2000	33827	3237.043	3177.783	59.260	0.175	1.831	422.514	40.432	39.692	0.740
2001	32506	3110.972	3036.142	74.830	0.230	2.405	401.468	38.422	37.498	0.924
2002	32078	3123.298	3044.455	78.843	0.246	2.524	392.210	38.188	37.224	0.964
2003	30568	3025.984	2935.715	90.269	0.295	2.983	370.127	36.640	35.547	1.093
2004	29388	2983.453	2865.834	117.619	0.400	3.942	352.147	35.750	34.340	1.409
2005	27954	2926.679	2794.876	131.803	0.471	4.503	331.111	34.666	33.105	1.561
2006	27201	2889.308	2734.247	155.061	0.570	5.367	319.236	33.909	32.090	1.820
2007	26302	2810.025	2635.746	174.279	0.663	6.202	305.470	32.636	30.611	2.024
2008	25998	2773.025	2599.243	173.782	0.668	6.267	298.534	31.843	29.847	1.996
2009	25040	2723.293	2535.993	187.300	0.748	6.878	284.186	30.907	28.782	2.126

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	59915.937	1375.807	0.221	2.245	394.195	38.747	37.878	0.870

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Main Results for E-Component Summarized over Simulations for Run: 14

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.674	4.174	0.016	0.035	377.015	167.754	167.695	0.059
1992	26828	11981.252	11979.177	2.075	0.008	0.017	375.483	167.689	167.660	0.029
1993	29774	13348.134	13342.655	5.479	0.018	0.041	410.705	184.125	184.050	0.076
1994	29804	13404.876	13402.741	2.136	0.007	0.016	404.869	182.097	182.068	0.029
1995	29755	13407.404	13397.846	9.558	0.032	0.071	397.803	179.248	179.120	0.128
1996	30900	14056.435	14075.386	-18.951	-0.061	-0.135	407.587	185.412	185.661	-0.250
1997	31128	14163.848	14177.930	-14.082	-0.045	-0.099	404.834	184.207	184.390	-0.183
1998	32096	14738.220	14731.660	6.560	0.020	0.045	411.536	188.974	188.890	0.084
1999	34616	15867.376	15858.330	9.046	0.026	0.057	437.865	200.710	200.595	0.114
2000	34299	15766.470	15729.475	36.995	0.108	0.235	428.409	196.930	196.468	0.462
2001	34592	16091.193	16049.107	42.086	0.122	0.262	427.231	198.736	198.216	0.520
2002	34291	16120.902	16090.821	30.080	0.088	0.187	419.268	197.106	196.738	0.368
2003	35074	16455.810	16361.621	94.189	0.269	0.572	424.687	199.252	198.112	1.140
2004	33512	15694.580	15539.247	155.333	0.464	0.990	401.564	188.063	186.202	1.861
2005	35392	16549.102	16340.760	208.342	0.589	1.259	419.213	196.022	193.554	2.468
2006	33981	15926.096	15589.391	336.705	0.991	2.114	398.807	186.912	182.960	3.952
2007	34000	15778.477	15371.943	406.534	1.196	2.577	394.875	183.251	178.529	4.721
2008	37425	17438.838	16964.743	474.095	1.267	2.719	429.749	200.249	194.805	5.444
2009	36826	17214.158	16653.305	560.853	1.523	3.258	417.948	195.368	189.003	6.365

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	294286.025	2351.208	0.364	0.793	408.132	187.528	186.042	1.486

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA8
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 15, Scenario: STP_NULL

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

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

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.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		SET2IA8

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.014720	0.000640	0.000640	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.023520	0.002240	0.002240	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.012160	0.001920	0.001920	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.005440	0.001280	0.001280	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.002400	0.000800	0.000800	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.013440	0.001280	0.001280	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.019040	0.004480	0.004480	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.008320	0.003840	0.003840	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.002880	0.002560	0.002560	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000800	0.001600	0.001600	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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: 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_12_Vary_starting_restarting_rates.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	2793.00	30.43					
5	All Ages	Current CC	3168.00	34.52	147.00	3.93			
5	All Ages	Current MRTP	306.00	3.33					
5	All Ages	Current Dual	266.00	2.90					
5	All Ages	Former	2644.00	28.81			15.24	185.00	7.00

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	78.00	23.01					
5	18-19	Current CC	200.00	59.00	1.00	0.39			
5	18-19	Current MRTP	33.00	9.73					
5	18-19	Current Dual	22.00	6.49					
5	18-19	Former	6.00	1.77			0.83	5.00	83.33

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

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.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	153.00	16.72					
5	20-24	Current CC	555.00	60.66	2.00	0.28			
5	20-24	Current MRTP	75.00	8.20					
5	20-24	Current Dual	78.00	8.52					
5	20-24	Former	54.00	5.90			2.11	24.00	44.44
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	284.00	29.65					
5	25-29	Current CC	420.00	43.84	4.00	0.74			
5	25-29	Current MRTP	59.00	6.16					
5	25-29	Current Dual	62.00	6.47					
5	25-29	Former	133.00	13.88			4.35	36.00	27.07
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	355.00	33.05					
5	30-34	Current CC	420.00	39.11	9.00	1.74			
5	30-34	Current MRTP	50.00	4.66					
5	30-34	Current Dual	46.00	4.28					
5	30-34	Former	203.00	18.90			6.37	24.00	11.82
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	427.00	39.43					
5	35-39	Current CC	356.00	32.87	14.00	3.50			
5	35-39	Current MRTP	27.00	2.49					
5	35-39	Current Dual	17.00	1.57					
5	35-39	Former	256.00	23.64			7.70	23.00	8.98
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	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	2493.00	26.59					
10	All Ages	Current CC	3163.00	33.74	251.00	6.16			
10	All Ages	Current MRTP	520.00	5.55					
10	All Ages	Current Dual	391.00	4.17					
10	All Ages	Former	2808.00	29.95			16.14	233.00	8.30
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	63.00	7.03					
10	20-24	Current CC	558.00	62.28	2.00	0.27			
10	20-24	Current MRTP	102.00	11.38					
10	20-24	Current Dual	82.00	9.15					
10	20-24	Former	91.00	10.16			2.29	39.00	42.86
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	72.00	7.87					
10	25-29	Current CC	533.00	58.25	9.00	1.25			
10	25-29	Current MRTP	101.00	11.04					
10	25-29	Current Dual	88.00	9.62					
10	25-29	Former	121.00	13.22			4.15	32.00	26.45
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	189.00	19.73					
10	30-34	Current CC	391.00	40.81	10.00	1.75			
10	30-34	Current MRTP	92.00	9.60					
10	30-34	Current Dual	89.00	9.29					
10	30-34	Former	197.00	20.56			6.67	30.00	15.23
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	314.00	29.24					
10	35-39	Current CC	377.00	35.10	22.00	4.31			
10	35-39	Current MRTP	75.00	6.98					
10	35-39	Current Dual	59.00	5.49					
10	35-39	Former	249.00	23.18			9.27	21.00	8.43
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	427.00	39.43					
10	40-44	Current CC	302.00	27.89	28.00	7.71			
10	40-44	Current MRTP	39.00	3.60					
10	40-44	Current Dual	22.00	2.03					
10	40-44	Former	293.00	27.05			10.78	23.00	7.85
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	2311.00	25.89					
15	All Ages	Current CC	2743.00	30.73	327.00	8.75			
15	All Ages	Current MRTP	600.00	6.72					
15	All Ages	Current Dual	393.00	4.40					
15	All Ages	Former	2880.00	32.26			17.05	211.00	7.33
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	31.00	3.46					
15	25-29	Current CC	500.00	55.80	9.00	1.30			
15	25-29	Current MRTP	115.00	12.83					
15	25-29	Current Dual	78.00	8.71					
15	25-29	Former	172.00	19.20			4.60	37.00	21.51
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	57.00	6.23					

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	467.00	51.04	17.00	2.56			
15	30-34	Current MRTP	108.00	11.80					
15	30-34	Current Dual	90.00	9.84					
15	30-34	Former	193.00	21.09			6.11	36.00	18.65
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	160.00	16.70					
15	35-39	Current CC	346.00	36.12	25.00	4.55			
15	35-39	Current MRTP	106.00	11.06					
15	35-39	Current Dual	97.00	10.13					
15	35-39	Former	249.00	25.99			9.08	27.00	10.84
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	314.00	29.24					
15	40-44	Current CC	326.00	30.35	30.00	6.48			
15	40-44	Current MRTP	78.00	7.26					
15	40-44	Current Dual	59.00	5.49					
15	40-44	Former	297.00	27.65			11.74	23.00	7.74
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	427.00	39.43					
15	45-49	Current CC	272.00	25.12	41.00	11.99			
15	45-49	Current MRTP	50.00	4.62					
15	45-49	Current Dual	20.00	1.85					
15	45-49	Former	314.00	28.99			14.30	17.00	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	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	2178.00	25.85					
20	All Ages	Current CC	2296.00	27.25	396.00	11.87			

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	651.00	7.73					
20	All Ages	Current Dual	388.00	4.60					
20	All Ages	Former	2914.00	34.58			17.84	194.00	6.66
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	23.00	2.57					
20	30-34	Current CC	434.00	48.44	21.00	3.35			
20	30-34	Current MRTP	119.00	13.28					
20	30-34	Current Dual	74.00	8.26					
20	30-34	Former	246.00	27.46			6.88	33.00	13.41
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	52.00	5.68					
20	35-39	Current CC	397.00	43.39	28.00	4.62			
20	35-39	Current MRTP	129.00	14.10					
20	35-39	Current Dual	80.00	8.74					
20	35-39	Former	257.00	28.09			8.31	30.00	11.67
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	160.00	16.70					
20	40-44	Current CC	313.00	32.67	32.00	6.34			
20	40-44	Current MRTP	106.00	11.06					
20	40-44	Current Dual	86.00	8.98					
20	40-44	Former	293.00	30.58			11.75	21.00	7.17
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	314.00	29.24					
20	45-49	Current CC	296.00	27.56	40.00	9.26			
20	45-49	Current MRTP	78.00	7.26					
20	45-49	Current Dual	58.00	5.40					
20	45-49	Former	328.00	30.54			14.56	23.00	7.01
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	427.00	39.43					
20	50-54	Current CC	230.00	21.24	52.00	16.51			
20	50-54	Current MRTP	62.00	5.72					
20	50-54	Current Dual	23.00	2.12					
20	50-54	Former	341.00	31.49			17.09	14.00	4.11
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 15 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

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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	124103.386	29.198	0.009	0.024	4845.61	1920.39	1919.93	0.452
1992	308577	122143.718	122011.083	132.635	0.043	0.109	4692.62	1857.47	1855.46	2.017
1993	311713	123269.216	122958.786	310.430	0.100	0.252	4656.77	1841.55	1836.91	4.638
1994	305700	120480.723	120017.442	463.281	0.152	0.385	4482.57	1766.64	1759.85	6.793
1995	303225	118666.569	117982.188	684.381	0.226	0.577	4361.58	1706.89	1697.05	9.844
1996	299559	116607.195	115760.113	847.082	0.283	0.726	4242.85	1651.58	1639.59	11.998
1997	294226	114665.051	113707.619	957.433	0.325	0.835	4100.64	1598.09	1584.75	13.344
1998	289258	113038.380	111904.814	1133.566	0.392	1.003	3966.28	1549.97	1534.43	15.543
1999	311002	117067.463	115546.098	1521.364	0.489	1.300	4198.14	1580.27	1559.73	20.537
2000	303786	114977.407	113286.611	1690.796	0.557	1.471	4041.13	1529.49	1507.00	22.492
2001	296294	113047.319	111311.130	1736.189	0.586	1.536	3890.54	1484.39	1461.59	22.797
2002	291898	111744.742	109904.251	1840.490	0.631	1.647	3789.34	1450.64	1426.75	23.893
2003	285865	110551.854	108662.874	1888.980	0.661	1.709	3671.31	1419.80	1395.54	24.260
2004	274177	107418.262	105568.008	1850.254	0.675	1.722	3481.92	1364.16	1340.67	23.497
2005	272379	107678.770	105720.330	1958.440	0.719	1.819	3417.44	1351.01	1326.44	24.572
2006	264118	104357.806	102562.122	1795.684	0.680	1.721	3281.83	1296.71	1274.40	22.312
2007	258419	102690.449	100918.586	1771.864	0.686	1.725	3176.05	1262.10	1240.32	21.777
2008	259461	103492.166	101576.540	1915.626	0.738	1.851	3150.91	1256.82	1233.55	23.264
2009	253907	101384.044	99370.559	2013.485	0.793	1.986	3045.20	1215.94	1191.79	24.148

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	2248702.501	24541.18	0.422	1.080	3927.78	1535.76	1519.18	16.580

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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_12_Vary_starting_restarting_rates.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	63060.042	8.744	0.011	0.014	1213.84	975.702	975.567	0.135
1992	77987	62535.347	62504.633	30.714	0.039	0.049	1185.97	950.993	950.526	0.467
1993	78542	62883.111	62818.041	65.070	0.083	0.103	1173.36	939.428	938.456	0.972
1994	77437	61805.804	61705.290	100.514	0.130	0.163	1135.48	906.276	904.803	1.474
1995	76904	61145.799	60995.507	150.292	0.195	0.246	1106.18	879.519	877.357	2.162
1996	76232	60385.323	60197.990	187.333	0.246	0.310	1079.72	855.277	852.624	2.653
1997	75473	59549.806	59347.752	202.053	0.268	0.339	1051.87	829.947	827.131	2.816
1998	75381	59292.315	59012.851	279.463	0.371	0.471	1033.62	813.010	809.178	3.832
1999	73159	57398.351	57052.707	345.645	0.472	0.602	987.557	774.807	770.141	4.666
2000	73784	57716.549	57293.820	422.728	0.573	0.732	981.515	767.777	762.153	5.623
2001	73294	57211.877	56743.492	468.385	0.639	0.819	962.399	751.230	745.080	6.150
2002	72442	56438.810	55929.011	509.800	0.704	0.903	940.422	732.673	726.055	6.618
2003	71942	55948.341	55424.453	523.888	0.728	0.936	923.937	718.533	711.805	6.728
2004	71301	55339.218	54797.059	542.159	0.760	0.980	905.490	702.783	695.898	6.885
2005	70964	54964.459	54407.530	556.929	0.785	1.013	890.360	689.620	682.632	6.988
2006	69658	53781.526	53248.370	533.156	0.765	0.991	865.543	668.268	661.644	6.625
2007	68565	52784.985	52243.899	541.086	0.789	1.025	842.687	648.745	642.095	6.650
2008	68226	52470.692	51856.587	614.105	0.900	1.170	828.542	637.208	629.750	7.458
2009	67509	51823.021	51168.955	654.066	0.969	1.262	809.661	621.533	613.689	7.844

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	1153252.397	6736.131	0.456	0.581	997.213	783.665	779.114	4.551

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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 Year	Number 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	37051.251	16.133	0.010	0.044	2599.72	573.449	573.199	0.250
1992	164548	35863.851	35787.187	76.664	0.047	0.214	2502.33	545.392	544.226	1.166
1993	164362	35459.800	35277.502	182.298	0.111	0.514	2455.45	529.744	527.020	2.723
1994	159866	34293.631	34032.555	261.077	0.163	0.761	2344.16	502.857	499.029	3.828
1995	158083	33531.695	33153.589	378.106	0.239	1.128	2273.86	482.318	476.880	5.439
1996	154875	32438.163	31979.352	458.811	0.296	1.414	2193.60	459.443	452.945	6.498
1997	149970	31179.663	30653.608	526.055	0.351	1.687	2090.14	434.552	427.220	7.332
1998	145407	29860.736	29297.179	563.558	0.388	1.887	1993.81	409.447	401.720	7.727
1999	165952	34413.904	33628.975	784.929	0.473	2.281	2240.15	464.545	453.950	10.596
2000	160260	33265.290	32438.029	827.261	0.516	2.487	2131.87	442.513	431.508	11.005
2001	154444	32074.102	31268.682	805.420	0.521	2.511	2027.95	421.154	410.579	10.576
2002	151887	31817.956	30987.084	830.872	0.547	2.611	1971.76	413.052	402.266	10.786
2003	146733	31025.931	30163.151	862.780	0.588	2.781	1884.46	398.460	387.379	11.081
2004	138381	29503.602	28671.949	831.654	0.601	2.819	1757.38	374.682	364.121	10.562
2005	135881	29077.894	28191.431	886.463	0.652	3.049	1704.85	364.830	353.708	11.122
2006	131922	28385.448	27573.290	812.157	0.616	2.861	1639.21	352.707	342.615	10.092
2007	126502	27327.625	26540.515	787.111	0.622	2.880	1554.75	335.866	326.192	9.674
2008	125859	27025.472	26253.369	772.103	0.613	2.857	1528.44	328.199	318.823	9.376
2009	122428	26361.626	25539.213	822.413	0.672	3.120	1468.33	316.165	306.302	9.864

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	626870.806	11485.87	0.383	1.799	2024.64	431.261	423.501	7.760

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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_12_Vary_starting_restarting_rates.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	4487.154	0.829	0.003	0.018	504.630	69.431	69.418	0.013
1992	32100	4371.196	4360.289	10.907	0.034	0.250	488.154	66.474	66.308	0.166
1993	32896	4414.136	4383.053	31.083	0.094	0.704	491.442	65.944	65.480	0.464
1994	33323	4474.895	4426.732	48.164	0.145	1.076	488.625	65.617	64.910	0.706
1995	33569	4476.290	4403.853	72.437	0.216	1.618	482.855	64.387	63.345	1.042
1996	33870	4489.078	4393.696	95.382	0.282	2.125	479.723	63.582	62.231	1.351
1997	33516	4444.866	4327.059	117.807	0.351	2.650	467.113	61.948	60.306	1.642
1998	32795	4313.427	4202.078	111.349	0.340	2.581	449.682	59.145	57.618	1.527
1999	33375	4232.739	4103.601	129.138	0.387	3.051	450.521	57.137	55.394	1.743
2000	33459	4307.577	4179.614	127.963	0.382	2.971	445.090	57.302	55.599	1.702
2001	32275	4136.308	4026.625	109.683	0.340	2.652	423.792	54.312	52.872	1.440
2002	31586	4079.175	3974.528	104.647	0.331	2.565	410.041	52.955	51.596	1.358
2003	30985	4096.221	3983.035	113.186	0.365	2.763	397.934	52.607	51.153	1.454
2004	29884	4034.217	3927.571	106.646	0.357	2.644	379.513	51.233	49.878	1.354
2005	28708	3944.303	3844.072	100.231	0.349	2.541	360.189	49.488	48.230	1.258
2006	28188	3970.169	3878.572	91.597	0.325	2.307	350.253	49.332	48.194	1.138
2007	28026	3957.558	3868.619	88.938	0.317	2.247	344.449	48.640	47.547	1.093
2008	27128	3812.302	3757.618	54.684	0.202	1.434	329.444	46.297	45.633	0.664
2009	27068	3827.467	3764.116	63.351	0.234	1.655	324.637	45.904	45.145	0.760

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	82879.481	1578.022	0.251	1.868	424.421	57.058	55.992	1.066

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Main Results for E-Component Summarized over Simulations for Run: 15

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

Note: Death rates are per million population

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.938	3.492	0.010	0.018	527.418	301.804	301.750	0.054
1992	33942	19373.324	19358.975	14.349	0.042	0.074	516.166	294.616	294.398	0.218
1993	35913	20512.169	20480.190	31.979	0.089	0.156	536.514	306.437	305.959	0.478
1994	35074	19906.392	19852.866	53.527	0.153	0.269	514.300	291.893	291.108	0.785
1995	34669	19512.784	19429.239	83.546	0.241	0.428	498.677	280.671	279.469	1.202
1996	34582	19294.631	19189.075	105.556	0.305	0.547	489.808	273.283	271.787	1.495
1997	35267	19490.717	19379.200	111.517	0.316	0.572	491.517	271.643	270.088	1.554
1998	35675	19571.902	19392.706	179.196	0.502	0.916	489.172	268.368	265.911	2.457
1999	38516	21022.469	20760.816	261.652	0.679	1.245	519.919	283.777	280.246	3.532
2000	36283	19687.992	19375.148	312.844	0.862	1.589	482.656	261.900	257.739	4.162
2001	36281	19625.032	19272.331	352.700	0.972	1.797	476.394	257.690	253.059	4.631
2002	35983	19408.801	19013.629	395.172	1.098	2.036	467.122	251.960	246.830	5.130
2003	36205	19481.360	19092.234	389.126	1.075	1.997	464.974	250.195	245.198	4.997
2004	34611	18541.224	18171.429	369.795	1.068	1.994	439.544	235.465	230.769	4.696
2005	36826	19692.114	19277.297	414.817	1.126	2.107	462.043	247.070	241.865	5.205
2006	34350	18220.663	17861.889	358.774	1.044	1.969	426.820	226.403	221.945	4.458
2007	35326	18620.282	18265.553	354.729	1.004	1.905	434.168	228.849	224.490	4.360
2008	38248	20183.701	19708.966	474.735	1.241	2.352	464.487	245.112	239.347	5.765
2009	36902	19371.930	18898.276	473.654	1.284	2.445	442.580	232.335	226.654	5.681

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	385699.816	4741.158	0.665	1.214	481.512	263.774	260.571	3.203

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2IA8
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_12_Vary_starting_restarting_rates
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

		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 16 (APPENDIX_12_Vary_starting_restarting_rates.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: 16, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		SET2IA8

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.014720	0.000640	0.000640	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.023520	0.002240	0.002240	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.012160	0.001920	0.001920	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.005440	0.001280	0.001280	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.002400	0.000800	0.000800	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.013440	0.001280	0.001280	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.019040	0.004480	0.004480	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.008320	0.003840	0.003840	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.002880	0.002560	0.002560	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000800	0.001600	0.001600	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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Main Output for the Smoking History Summarized over Simulations for Run: 16, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.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	3847.00	42.37					
5	All Ages	Current CC	2692.00	29.65	119.00	3.72			
5	All Ages	Current MRTP	273.00	3.01					
5	All Ages	Current Dual	230.00	2.53					
5	All Ages	Former	2038.00	22.44			14.43	134.00	6.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	71.00	23.83					
5	18-19	Current CC	179.00	60.07	1.00	0.45			
5	18-19	Current MRTP	23.00	7.72					
5	18-19	Current Dual	21.00	7.05					
5	18-19	Former	4.00	1.34			1.25	2.00	50.00

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

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.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	161.00	19.08					
5	20-24	Current CC	520.00	61.61	5.00	0.78			
5	20-24	Current MRTP	62.00	7.35					
5	20-24	Current Dual	56.00	6.64					
5	20-24	Former	45.00	5.33			2.29	18.00	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	237.00	28.52					
5	25-29	Current CC	338.00	40.67	9.00	2.02			
5	25-29	Current MRTP	58.00	6.98					
5	25-29	Current Dual	49.00	5.90					
5	25-29	Former	149.00	17.93			5.07	20.00	13.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	369.00	36.94					
5	30-34	Current CC	340.00	34.03	13.00	2.96			
5	30-34	Current MRTP	51.00	5.11					
5	30-34	Current Dual	48.00	4.80					
5	30-34	Former	191.00	19.12			7.49	15.00	7.85
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	480.00	42.78					
5	35-39	Current CC	335.00	29.86	8.00	2.01			
5	35-39	Current MRTP	29.00	2.58					
5	35-39	Current Dual	34.00	3.03					
5	35-39	Former	244.00	21.75			8.32	18.00	7.38
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	3354.00	36.82					
10	All Ages	Current CC	2745.00	30.14	197.00	5.53			
10	All Ages	Current MRTP	456.00	5.01					
10	All Ages	Current Dual	364.00	4.00					
10	All Ages	Former	2190.00	24.04			15.15	167.00	7.63

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	62.00	7.63					
10	20-24	Current CC	513.00	63.10	2.00	0.29			
10	20-24	Current MRTP	82.00	10.09					
10	20-24	Current Dual	87.00	10.70					
10	20-24	Former	69.00	8.49			2.55	24.00	34.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	79.00	9.36					
10	25-29	Current CC	505.00	59.83	9.00	1.34			
10	25-29	Current MRTP	87.00	10.31					
10	25-29	Current Dual	79.00	9.36					
10	25-29	Former	94.00	11.14			4.40	23.00	24.47

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	156.00	18.77					
10	30-34	Current CC	309.00	37.18	16.00	3.43			
10	30-34	Current MRTP	86.00	10.35					
10	30-34	Current Dual	72.00	8.66					
10	30-34	Former	208.00	25.03			7.48	28.00	13.46

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	315.00	31.53					
10	35-39	Current CC	323.00	32.33	27.00	5.83			
10	35-39	Current MRTP	72.00	7.21					
10	35-39	Current Dual	68.00	6.81					
10	35-39	Former	221.00	22.12			10.30	18.00	8.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	480.00	42.78					
10	40-44	Current CC	292.00	26.02	18.00	5.10			
10	40-44	Current MRTP	31.00	2.76					
10	40-44	Current Dual	30.00	2.67					
10	40-44	Former	289.00	25.76			11.00	20.00	6.92

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

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

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

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3010.00	35.12					
15	All Ages	Current CC	2331.00	27.20	262.00	8.21			
15	All Ages	Current MRTP	501.00	5.85					
15	All Ages	Current Dual	361.00	4.21					
15	All Ages	Former	2367.00	27.62			15.65	186.00	7.86
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	34.00	4.18					
15	25-29	Current CC	470.00	57.81	9.00	1.41			
15	25-29	Current MRTP	88.00	10.82					
15	25-29	Current Dual	81.00	9.96					
15	25-29	Former	140.00	17.22			4.46	37.00	26.43
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	58.00	6.87					

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	435.00	51.54	16.00	2.58			
15	30-34	Current MRTP	104.00	12.32					
15	30-34	Current Dual	80.00	9.48					
15	30-34	Former	167.00	19.79			5.95	29.00	17.37
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	141.00	16.97					
15	35-39	Current CC	271.00	32.61	30.00	7.01			
15	35-39	Current MRTP	92.00	11.07					
15	35-39	Current Dual	65.00	7.82					
15	35-39	Former	262.00	31.53			9.86	23.00	8.78
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	315.00	31.53					
15	40-44	Current CC	284.00	28.43	37.00	8.69			
15	40-44	Current MRTP	77.00	7.71					
15	40-44	Current Dual	65.00	6.51					
15	40-44	Former	258.00	25.83			12.80	15.00	5.81
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	480.00	42.78					
15	45-49	Current CC	253.00	22.55	25.00	7.67			
15	45-49	Current MRTP	42.00	3.74					
15	45-49	Current Dual	31.00	2.76					
15	45-49	Former	316.00	28.16			14.25	16.00	5.06
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	2735.00	34.04					
20	All Ages	Current CC	1981.00	24.66	303.00	10.70			

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	522.00	6.50					
20	All Ages	Current Dual	329.00	4.10					
20	All Ages	Former	2467.00	30.71			16.93	167.00	6.77
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	24.00	2.95					
20	30-34	Current CC	408.00	50.18	18.00	3.06			
20	30-34	Current MRTP	101.00	12.42					
20	30-34	Current Dual	79.00	9.72					
20	30-34	Former	201.00	24.72			6.79	33.00	16.42
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	53.00	6.28					
20	35-39	Current CC	389.00	46.09	22.00	3.93			
20	35-39	Current MRTP	103.00	12.20					
20	35-39	Current Dual	68.00	8.06					
20	35-39	Former	231.00	27.37			8.18	25.00	10.82
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	141.00	16.97					
20	40-44	Current CC	234.00	28.16	37.00	9.59			
20	40-44	Current MRTP	95.00	11.43					
20	40-44	Current Dual	57.00	6.86					
20	40-44	Former	304.00	36.58			12.78	14.00	4.61
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	315.00	31.53					
20	45-49	Current CC	259.00	25.93	44.00	11.17			
20	45-49	Current MRTP	79.00	7.91					
20	45-49	Current Dual	56.00	5.61					
20	45-49	Former	290.00	29.03			15.36	13.00	4.48
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	480.00	42.78					
20	50-54	Current CC	223.00	19.88	35.00	11.63			
20	50-54	Current MRTP	45.00	4.01					
20	50-54	Current Dual	33.00	2.94					
20	50-54	Former	341.00	30.39			17.12	21.00	6.16
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 16 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 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	59121.944	5.918	0.003	0.010	2826.86	839.248	839.164	0.084
1992	198532	60226.142	60222.044	4.098	0.002	0.007	2778.64	842.922	842.865	0.057
1993	202512	62332.320	62299.832	32.488	0.016	0.052	2793.47	859.818	859.369	0.448
1994	200658	62691.239	62649.891	41.348	0.021	0.066	2725.82	851.622	851.061	0.562
1995	201023	63132.954	63062.449	70.505	0.035	0.112	2687.54	844.043	843.101	0.943
1996	201180	64309.880	64295.199	14.681	0.007	0.023	2653.67	848.280	848.086	0.194
1997	198639	64547.894	64522.374	25.520	0.013	0.040	2583.39	839.475	839.143	0.332
1998	197573	65384.866	65274.329	110.538	0.056	0.169	2533.29	838.367	836.950	1.417
1999	211329	67554.762	67344.109	210.653	0.100	0.312	2673.14	854.513	851.849	2.665
2000	208496	68184.366	67895.880	288.486	0.138	0.423	2604.20	851.652	848.048	3.603
2001	203606	68286.060	67922.562	363.498	0.179	0.532	2514.65	843.372	838.883	4.489
2002	200828	68983.996	68639.599	344.397	0.171	0.499	2455.47	843.450	839.239	4.211
2003	196352	68717.830	68216.321	501.509	0.255	0.730	2377.49	832.057	825.985	6.072
2004	188160	67344.952	66599.046	745.905	0.396	1.108	2254.66	806.974	798.036	8.938
2005	186416	67846.650	66961.464	885.186	0.475	1.305	2208.07	803.634	793.149	10.485
2006	180088	66622.465	65382.993	1239.472	0.688	1.860	2113.55	781.893	767.347	14.547
2007	175644	65977.201	64529.427	1447.774	0.824	2.194	2039.92	766.256	749.442	16.814
2008	177570	67121.344	65629.456	1491.888	0.840	2.223	2039.03	770.751	753.620	17.131
2009	172806	66622.993	64909.663	1713.330	0.991	2.572	1961.22	756.123	736.678	19.445

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	1292779.171	9537.194	0.245	0.732	2465.77	823.300	817.271	6.029

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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_12_Vary_starting_restarting_rates.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.930	4.089	0.009	0.013	620.154	447.530	447.472	0.058
1992	45423	32811.446	32808.860	2.587	0.006	0.008	635.738	459.227	459.191	0.036
1993	46291	33467.735	33458.677	9.058	0.020	0.027	638.542	461.657	461.532	0.125
1994	47017	33989.389	33980.263	9.126	0.019	0.027	638.697	461.725	461.601	0.124
1995	47840	34566.580	34549.365	17.215	0.036	0.050	639.587	462.131	461.901	0.230
1996	48244	34997.958	35002.461	-4.503	-0.009	-0.013	636.363	461.641	461.700	-0.059
1997	49035	35549.658	35547.725	1.933	0.004	0.005	637.723	462.340	462.314	0.025
1998	49686	36138.033	36111.795	26.238	0.053	0.073	637.076	463.363	463.027	0.336
1999	48883	35506.142	35463.583	42.559	0.087	0.120	618.331	449.124	448.586	0.538
2000	50331	36573.306	36501.241	72.065	0.143	0.197	628.656	456.816	455.916	0.900
2001	50389	36733.445	36637.915	95.530	0.190	0.260	622.333	453.679	452.499	1.180
2002	51445	37627.700	37521.679	106.021	0.206	0.282	629.005	460.065	458.768	1.296
2003	51408	37552.784	37384.278	168.506	0.328	0.449	622.464	454.701	452.661	2.040
2004	51399	37527.823	37272.869	254.955	0.496	0.679	615.898	449.684	446.629	3.055
2005	51421	37486.186	37189.834	296.352	0.576	0.791	609.074	444.018	440.508	3.510
2006	51355	37409.496	36967.194	442.302	0.861	1.182	602.712	439.045	433.854	5.191
2007	51839	37602.867	37070.212	532.656	1.028	1.417	602.056	436.718	430.532	6.186
2008	50976	36986.957	36446.022	540.935	1.061	1.463	585.355	424.719	418.508	6.212
2009	51193	37201.944	36558.225	643.719	1.257	1.730	581.003	422.215	414.909	7.306

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	708643.497	3261.342	0.333	0.458	619.890	450.053	447.991	2.062

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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	12665.066	-2.086	-0.002	-0.016	1368.32	179.735	179.765	-0.030
1992	93721	12337.995	12337.248	0.748	0.001	0.006	1311.71	172.682	172.672	0.010
1993	93679	12401.934	12386.218	15.716	0.017	0.127	1292.22	171.073	170.857	0.217
1994	90832	12128.576	12100.961	27.615	0.030	0.228	1233.90	164.759	164.384	0.375
1995	89698	11958.696	11920.172	38.524	0.043	0.322	1199.20	159.879	159.364	0.515
1996	88286	12020.749	11984.719	36.030	0.041	0.300	1164.54	158.560	158.085	0.475
1997	84777	11593.724	11548.577	45.147	0.053	0.389	1102.56	150.782	150.195	0.587
1998	82517	11337.035	11258.540	78.495	0.095	0.692	1058.04	145.364	144.357	1.006
1999	93939	13027.458	12879.670	147.787	0.157	1.134	1188.25	164.787	162.917	1.869
2000	90039	12607.547	12443.525	164.022	0.182	1.301	1124.63	157.474	155.425	2.049
2001	86119	12350.451	12144.209	206.241	0.239	1.670	1063.62	152.535	149.988	2.547
2002	83014	12112.097	11911.875	200.221	0.241	1.653	1014.99	148.092	145.644	2.448
2003	79302	11683.252	11455.642	227.611	0.287	1.948	960.214	141.465	138.709	2.756
2004	73861	11139.095	10832.893	306.202	0.415	2.749	885.053	133.476	129.807	3.669
2005	71649	10884.683	10532.473	352.209	0.492	3.236	848.672	128.927	124.756	4.172
2006	67551	10397.565	9975.209	422.355	0.625	4.062	792.791	122.028	117.071	4.957
2007	63503	9785.831	9314.326	471.505	0.742	4.818	737.521	113.652	108.176	5.476
2008	63171	9922.524	9462.539	459.985	0.728	4.636	725.389	113.940	108.658	5.282
2009	59747	9483.598	8987.724	495.874	0.830	5.229	678.085	107.632	102.004	5.628

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	228788.349	3694.201	0.224	1.589	1043.56	146.971	144.636	2.335

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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_12_Vary_starting_restarting_rates.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3116.188	-0.172	-0.001	-0.006	461.369	44.228	44.230	-0.002
1992	32560	3095.448	3096.488	-1.040	-0.003	-0.034	455.708	43.324	43.338	-0.015
1993	32768	3114.516	3111.637	2.879	0.009	0.092	452.005	42.962	42.922	0.040
1994	33005	3168.398	3164.807	3.591	0.011	0.113	448.353	43.041	42.992	0.049
1995	33730	3200.274	3193.130	7.144	0.021	0.223	450.946	42.785	42.690	0.096
1996	33750	3234.738	3229.682	5.056	0.015	0.156	445.180	42.668	42.601	0.067
1997	33699	3240.665	3243.962	-3.298	-0.010	-0.102	438.271	42.146	42.189	-0.043
1998	33274	3171.578	3166.572	5.006	0.015	0.158	426.640	40.666	40.602	0.064
1999	33891	3153.786	3133.904	19.883	0.059	0.630	428.694	39.893	39.641	0.252
2000	33827	3237.043	3211.492	25.551	0.076	0.789	422.514	40.432	40.113	0.319
2001	32506	3110.972	3076.538	34.434	0.106	1.107	401.468	38.422	37.997	0.425
2002	32078	3123.298	3096.512	26.786	0.084	0.858	392.210	38.188	37.860	0.328
2003	30568	3025.984	2993.154	32.830	0.107	1.085	370.127	36.640	36.242	0.398
2004	29388	2983.453	2931.001	52.453	0.178	1.758	352.147	35.750	35.121	0.629
2005	27954	2926.679	2868.019	58.660	0.210	2.004	331.111	34.666	33.971	0.695
2006	27201	2889.308	2816.480	72.828	0.268	2.521	319.236	33.909	33.055	0.855
2007	26302	2810.025	2730.691	79.335	0.302	2.823	305.470	32.636	31.714	0.921
2008	25998	2773.025	2702.011	71.014	0.273	2.561	298.534	31.843	31.027	0.815
2009	25040	2723.293	2645.712	77.581	0.310	2.849	284.186	30.907	30.027	0.880

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	60721.223	570.520	0.091	0.931	394.195	38.747	38.387	0.361

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Main Results for E-Component Summarized over Simulations for Run: 16

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.760	4.087	0.015	0.035	377.015	167.754	167.696	0.058
1992	26828	11981.252	11979.448	1.804	0.007	0.015	375.483	167.689	167.664	0.025
1993	29774	13348.134	13343.300	4.834	0.016	0.036	410.705	184.125	184.059	0.067
1994	29804	13404.876	13403.859	1.017	0.003	0.008	404.869	182.097	182.083	0.014
1995	29755	13407.404	13399.782	7.622	0.026	0.057	397.803	179.248	179.146	0.102
1996	30900	14056.435	14078.337	-21.902	-0.071	-0.156	407.587	185.412	185.700	-0.289
1997	31128	14163.848	14182.110	-18.262	-0.059	-0.129	404.834	184.207	184.445	-0.238
1998	32096	14738.220	14737.422	0.798	0.002	0.005	411.536	188.974	188.964	0.010
1999	34616	15867.376	15866.952	0.424	0.001	0.003	437.865	200.710	200.704	0.005
2000	34299	15766.470	15739.622	26.847	0.078	0.170	428.409	196.930	196.595	0.335
2001	34592	16091.193	16063.899	27.293	0.079	0.170	427.231	198.736	198.398	0.337
2002	34291	16120.902	16109.533	11.369	0.033	0.071	419.268	197.106	196.967	0.139
2003	35074	16455.810	16383.248	72.562	0.207	0.441	424.687	199.252	198.374	0.879
2004	33512	15694.580	15562.284	132.296	0.395	0.843	401.564	188.063	186.478	1.585
2005	35392	16549.102	16371.137	177.965	0.503	1.075	419.213	196.022	193.914	2.108
2006	33981	15926.096	15624.111	301.985	0.889	1.896	398.807	186.912	183.367	3.544
2007	34000	15778.477	15414.198	364.279	1.071	2.309	394.875	183.251	179.020	4.231
2008	37425	17438.838	17018.883	419.954	1.122	2.408	429.749	200.249	195.427	4.822
2009	36826	17214.158	16718.002	496.156	1.347	2.882	417.948	195.368	189.737	5.631

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	294626.103	2011.130	0.312	0.678	408.132	187.528	186.257	1.271

Results for PHIM for Run 17 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA1
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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		SET2RA1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000072	0.000072
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000216	0.000216
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000288	0.000288
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000360	0.000360
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000360	0.000360
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000432	0.000432
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000504	0.000504
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000576	0.000576
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000144	0.000072
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000432	0.000216
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000576	0.000288
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000720	0.000360
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000720	0.000360
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000864	0.000432
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.001008	0.000504
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.001152	0.000576

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

Results for PHIM for Run 17 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2462.00	26.83	182.00	6.70			
5	All Ages	Current MRTP	165.00	1.80					
5	All Ages	Current Dual	89.00	0.97					
5	All Ages	Former	2560.00	27.90			15.45	153.00	5.98

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

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

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

Results for PHIM for Run 17 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	3.00	1.13			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	14.00	1.53					
5	20-24	Former	30.00	3.28			2.97	8.00	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	535.00	55.85					
5	25-29	Current CC	278.00	29.02	4.00	1.30			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	7.00	0.73					
5	25-29	Former	115.00	12.00			4.83	23.00	20.00
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	10.00	2.64			
5	30-34	Current MRTP	19.00	1.77					
5	30-34	Current Dual	8.00	0.74					
5	30-34	Former	201.00	18.72			6.41	24.00	11.94
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	15.00	4.26			
5	35-39	Current MRTP	14.00	1.29					
5	35-39	Current Dual	2.00	0.18					
5	35-39	Former	253.00	23.36			7.75	21.00	8.30
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	17.00	5.69			
5	40-44	Current MRTP	11.00	1.13					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	268.00	27.54			12.24	10.00	3.73
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	17.00	6.59			
5	45-49	Current MRTP	16.00	1.86					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	293.00	34.11			13.74	10.00	3.41
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 CC	194.00	30.79	16.00	7.66			
5	50-54	Current MRTP	10.00	1.59					
5	50-54	Current Dual	5.00	0.79					
5	50-54	Former	229.00	36.35			17.58	7.00	3.06
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	140.00	26.72	17.00	11.11			
5	55-59	Current MRTP	9.00	1.72					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	216.00	41.22			16.72	14.00	6.48
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	19.00	14.39			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	242.00	46.99			19.12	6.00	2.48
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	17.00	13.49			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	6.00	1.20					
5	65-69	Former	254.00	50.80			21.99	11.00	4.33
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 17 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	27.00	29.03			
5	70-74	Current MRTP	16.00	3.57					
5	70-74	Current Dual	7.00	1.56					
5	70-74	Former	249.00	55.58			22.36	9.00	3.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	20.00	24.10			
5	75-79	Current MRTP	8.00	2.23					
5	75-79	Current Dual	7.00	1.95					
5	75-79	Former	208.00	57.94			23.68	9.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2261.00	24.12	321.00	11.53			
10	All Ages	Current MRTP	321.00	3.42					
10	All Ages	Current Dual	203.00	2.17					
10	All Ages	Former	2517.00	26.85			17.15	167.00	6.63

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	7.00	2.30			
10	25-29	Current MRTP	28.00	3.06					
10	25-29	Current Dual	36.00	3.93					
10	25-29	Former	58.00	6.34			4.74	17.00	29.31

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	12.00	3.77			
10	30-34	Current MRTP	46.00	4.80					
10	30-34	Current Dual	23.00	2.40					
10	30-34	Former	141.00	14.72			7.92	13.00	9.22

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	26.00	7.12			
10	35-39	Current MRTP	32.00	2.98					
10	35-39	Current Dual	17.00	1.58					
10	35-39	Former	221.00	20.58			9.84	14.00	6.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	34.00	10.49			
10	40-44	Current MRTP	29.00	2.68					
10	40-44	Current Dual	10.00	0.92					
10	40-44	Former	281.00	25.95			10.79	25.00	8.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	26.00	9.15			
10	45-49	Current MRTP	22.00	2.26					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	283.00	29.09			15.79	14.00	4.95

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 17 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	43.00	16.86			
10	50-54	Current MRTP	31.00	3.61					
10	50-54	Current Dual	16.00	1.86					
10	50-54	Former	296.00	34.46			17.02	8.00	2.70
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	32.00	16.41			
10	55-59	Current MRTP	25.00	3.97					
10	55-59	Current Dual	8.00	1.27					
10	55-59	Former	243.00	38.57			20.19	8.00	3.29
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	27.00	19.01			
10	60-64	Current MRTP	13.00	2.48					
10	60-64	Current Dual	9.00	1.72					
10	60-64	Former	227.00	43.32			19.30	12.00	5.29
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	32.00	24.81			
10	65-69	Current MRTP	18.00	3.50					
10	65-69	Current Dual	12.00	2.33					
10	65-69	Former	245.00	47.57			21.64	15.00	6.12
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	38.00	30.16			
10	70-74	Current MRTP	17.00	3.40					
10	70-74	Current Dual	8.00	1.60					
10	70-74	Former	254.00	50.80			24.24	19.00	7.48
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	44.00	46.32			
10	75-79	Current MRTP	24.00	5.36					
10	75-79	Current Dual	15.00	3.35					
10	75-79	Former	247.00	55.13			25.36	13.00	5.26
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1981.00	22.19	382.00	14.59			
15	All Ages	Current MRTP	416.00	4.66					
15	All Ages	Current Dual	221.00	2.48					
15	All Ages	Former	2441.00	27.34			18.47	146.00	5.98
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.22	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 17 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	219.00	23.93	13.00	4.29			
15	30-34	Current MRTP	44.00	4.81					
15	30-34	Current Dual	40.00	4.37					
15	30-34	Former	87.00	9.51			6.61	16.00	18.39
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	226.00	23.59	23.00	7.57			
15	35-39	Current MRTP	51.00	5.32					
15	35-39	Current Dual	27.00	2.82					
15	35-39	Former	164.00	17.12			10.63	16.00	9.76
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	33.00	9.97			
15	40-44	Current MRTP	40.00	3.72					
15	40-44	Current Dual	18.00	1.68					
15	40-44	Former	255.00	23.74			12.40	16.00	6.27
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	478.00	44.14					
15	45-49	Current CC	258.00	23.82	53.00	16.67			
15	45-49	Current MRTP	45.00	4.16					
15	45-49	Current Dual	15.00	1.39					
15	45-49	Former	287.00	26.50			14.59	10.00	3.48
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	34.00	13.23			
15	50-54	Current MRTP	30.00	3.08					
15	50-54	Current Dual	12.00	1.23					
15	50-54	Former	310.00	31.86			18.32	14.00	4.52
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	181.00	21.07	52.00	21.85			
15	55-59	Current MRTP	41.00	4.77					
15	55-59	Current Dual	16.00	1.86					
15	55-59	Former	313.00	36.44			19.88	19.00	6.07
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	44.00	22.80			
15	60-64	Current MRTP	31.00	4.92					
15	60-64	Current Dual	13.00	2.06					
15	60-64	Former	245.00	38.89			22.71	13.00	5.31
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	109.00	20.80	36.00	26.09			
15	65-69	Current MRTP	20.00	3.82					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	231.00	44.08			22.03	10.00	4.33
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	46.00	35.11			
15	70-74	Current MRTP	31.00	6.02					
15	70-74	Current Dual	13.00	2.52					
15	70-74	Former	243.00	47.18			24.51	9.00	3.70
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	46.00	38.33			
15	75-79	Current MRTP	25.00	5.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	260.00	52.00			25.85	13.00	5.00
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1638.00	19.44	447.00	18.90			

Results for PHIM for Run 17 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	485.00	5.76					
20	All Ages	Current Dual	242.00	2.87					
20	All Ages	Former	2342.00	27.79			19.17	155.00	6.62

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	162.00	18.08	8.00	2.95			
20	30-34	Current MRTP	59.00	6.58					
20	30-34	Current Dual	50.00	5.58					
20	30-34	Former	78.00	8.71			6.04	15.00	19.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	18.00	6.23			
20	35-39	Current MRTP	56.00	6.12					
20	35-39	Current Dual	43.00	4.70					
20	35-39	Former	111.00	12.13			8.48	15.00	13.51

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	28.00	9.79			
20	40-44	Current MRTP	58.00	6.05					
20	40-44	Current Dual	28.00	2.92					
20	40-44	Former	182.00	19.00			13.52	10.00	5.49

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	246.00	22.91	40.00	12.94			
20	45-49	Current MRTP	45.00	4.19					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	277.00	25.79			15.17	18.00	6.50

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	217.00	20.04	63.00	21.50			
20	50-54	Current MRTP	57.00	5.26					
20	50-54	Current Dual	19.00	1.75					
20	50-54	Former	312.00	28.81			16.84	16.00	5.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	51.00	20.65			
20	55-59	Current MRTP	41.00	4.21					
20	55-59	Current Dual	20.00	2.06					
20	55-59	Former	320.00	32.89			20.84	16.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	160.00	18.63	59.00	26.46			
20	60-64	Current MRTP	49.00	5.70					

Results for PHIM for Run 17 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	14.00	1.63					
20	60-64	Former	328.00	38.18			21.64	19.00	5.79

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	60.00	33.52			
20	65-69	Current MRTP	43.00	6.83					
20	65-69	Current Dual	19.00	3.02					
20	65-69	Former	259.00	41.11			23.34	19.00	7.34

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	93.00	17.75	57.00	40.43			
20	70-74	Current MRTP	34.00	6.49					
20	70-74	Current Dual	14.00	2.67					
20	70-74	Former	228.00	43.51			24.44	12.00	5.26

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	67.00	13.01	63.00	49.61			
20	75-79	Current MRTP	43.00	8.35					
20	75-79	Current Dual	17.00	3.30					
20	75-79	Former	247.00	47.96			24.99	15.00	6.07

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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	124109.499	23.084	0.007	0.019	4845.61	1920.39	1920.03	0.357
1992	308577	122143.718	122023.109	120.609	0.039	0.099	4692.62	1857.47	1855.64	1.834
1993	311713	123269.216	122969.433	299.783	0.096	0.243	4656.77	1841.55	1837.07	4.479
1994	305700	120480.723	120043.124	437.599	0.143	0.363	4482.57	1766.64	1760.23	6.417
1995	303225	118666.569	118008.905	657.664	0.217	0.554	4361.58	1706.89	1697.44	9.460
1996	299559	116607.195	115769.427	837.768	0.280	0.718	4242.85	1651.58	1639.72	11.866
1997	294226	114665.051	113708.984	956.067	0.325	0.834	4100.64	1598.09	1584.76	13.325
1998	289258	113038.380	111863.022	1175.358	0.406	1.040	3966.28	1549.97	1533.85	16.116
1999	311002	117067.463	115479.199	1588.264	0.511	1.357	4198.14	1580.27	1558.83	21.440
2000	303786	114977.407	113194.648	1782.759	0.587	1.551	4041.13	1529.49	1505.78	23.715
2001	296294	113047.319	111113.050	1934.269	0.653	1.711	3890.54	1484.39	1458.99	25.398
2002	291898	111744.742	109606.247	2138.495	0.733	1.914	3789.34	1450.64	1422.88	27.761
2003	285865	110551.854	108202.398	2349.456	0.822	2.125	3671.31	1419.80	1389.62	30.174
2004	274177	107418.262	105031.895	2386.367	0.870	2.222	3481.92	1364.16	1333.86	30.306
2005	272379	107678.770	105128.807	2549.963	0.936	2.368	3417.44	1351.01	1319.01	31.993
2006	264118	104357.806	101787.823	2569.983	0.973	2.463	3281.83	1296.71	1264.78	31.934
2007	258419	102690.449	100001.705	2688.744	1.040	2.618	3176.05	1262.10	1229.05	33.046
2008	259461	103492.166	100437.109	3055.058	1.177	2.952	3150.91	1256.82	1219.72	37.101
2009	253907	101384.044	98048.813	3335.230	1.314	3.290	3045.20	1215.94	1175.94	40.001

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	2242357.157	30886.52	0.531	1.359	3927.78	1535.76	1514.89	20.866

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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_12_Vary_starting_restarting_rates.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	63061.615	7.170	0.009	0.011	1213.84	975.702	975.591	0.111
1992	77987	62535.347	62508.695	26.652	0.034	0.043	1185.97	950.993	950.588	0.405
1993	78542	62883.111	62824.110	59.001	0.075	0.094	1173.36	939.428	938.547	0.881
1994	77437	61805.804	61718.048	87.756	0.113	0.142	1135.48	906.276	904.990	1.287
1995	76904	61145.799	61011.657	134.143	0.174	0.219	1106.18	879.519	877.589	1.930
1996	76232	60385.323	60216.790	168.532	0.221	0.279	1079.72	855.277	852.890	2.387
1997	75473	59549.806	59370.966	178.840	0.237	0.300	1051.87	829.947	827.455	2.492
1998	75381	59292.315	59034.460	257.854	0.342	0.435	1033.62	813.010	809.474	3.536
1999	73159	57398.351	57080.117	318.235	0.435	0.554	987.557	774.807	770.511	4.296
2000	73784	57716.549	57321.290	395.258	0.536	0.685	981.515	767.777	762.519	5.258
2001	73294	57211.877	56765.999	445.878	0.608	0.779	962.399	751.230	745.375	5.855
2002	72442	56438.810	55944.151	494.660	0.683	0.876	940.422	732.673	726.252	6.422
2003	71942	55948.341	55425.988	522.354	0.726	0.934	923.937	718.533	711.825	6.708
2004	71301	55339.218	54797.824	541.394	0.759	0.978	905.490	702.783	695.907	6.875
2005	70964	54964.459	54403.265	561.194	0.791	1.021	890.360	689.620	682.579	7.041
2006	69658	53781.526	53230.980	550.547	0.790	1.024	865.543	668.268	661.428	6.841
2007	68565	52784.985	52217.266	567.719	0.828	1.076	842.687	648.745	641.767	6.977
2008	68226	52470.692	51802.734	667.959	0.979	1.273	828.542	637.208	629.096	8.112
2009	67509	51823.021	51087.511	735.510	1.089	1.419	809.661	621.533	612.712	8.821

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	1476084	1159988.529	1153267.872	6720.656	0.455	0.579	997.213	783.665	779.125	4.540

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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	37054.432	12.952	0.008	0.035	2599.72	573.449	573.249	0.200
1992	164548	35863.851	35791.230	72.621	0.044	0.202	2502.33	545.392	544.288	1.104
1993	164362	35459.800	35277.325	182.476	0.111	0.515	2455.45	529.744	527.018	2.726
1994	159866	34293.631	34036.320	257.311	0.161	0.750	2344.16	502.857	499.084	3.773
1995	158083	33531.695	33154.312	377.383	0.239	1.125	2273.86	482.318	476.890	5.428
1996	154875	32438.163	31959.338	478.825	0.309	1.476	2193.60	459.443	452.661	6.782
1997	149970	31179.663	30623.645	556.018	0.371	1.783	2090.14	434.552	426.802	7.749
1998	145407	29860.736	29235.444	625.292	0.430	2.094	1993.81	409.447	400.873	8.574
1999	165952	34413.904	33529.919	883.986	0.533	2.569	2240.15	464.545	452.613	11.933
2000	160260	33265.290	32324.211	941.079	0.587	2.829	2131.87	442.513	429.994	12.519
2001	154444	32074.102	31074.034	1000.067	0.648	3.118	2027.95	421.154	408.023	13.132
2002	151887	31817.956	30715.970	1101.987	0.726	3.463	1971.76	413.052	398.746	14.306
2003	146733	31025.931	29777.254	1248.678	0.851	4.025	1884.46	398.460	382.423	16.037
2004	138381	29503.602	28220.858	1282.744	0.927	4.348	1757.38	374.682	358.392	16.290
2005	135881	29077.894	27700.839	1377.055	1.013	4.736	1704.85	364.830	347.553	17.277
2006	131922	28385.448	26945.431	1440.017	1.092	5.073	1639.21	352.707	334.813	17.893
2007	126502	27327.625	25811.862	1515.763	1.198	5.547	1554.75	335.866	317.236	18.629
2008	125859	27025.472	25374.503	1650.969	1.312	6.109	1528.44	328.199	308.150	20.049
2009	122428	26361.626	24551.822	1809.804	1.478	6.865	1468.33	316.165	294.459	21.706

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	621541.647	16815.03	0.561	2.634	2024.64	431.261	419.901	11.360

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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_12_Vary_starting_restarting_rates.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	4487.872	0.111	0.000	0.002	504.630	69.431	69.429	0.002
1992	32100	4371.196	4361.918	9.278	0.029	0.212	488.154	66.474	66.333	0.141
1993	32896	4414.136	4384.394	29.742	0.090	0.674	491.442	65.944	65.500	0.444
1994	33323	4474.895	4428.965	45.930	0.138	1.026	488.625	65.617	64.943	0.673
1995	33569	4476.290	4403.784	72.507	0.216	1.620	482.855	64.387	63.344	1.043
1996	33870	4489.078	4390.245	98.833	0.292	2.202	479.723	63.582	62.182	1.400
1997	33516	4444.866	4318.814	126.052	0.376	2.836	467.113	61.948	60.191	1.757
1998	32795	4313.427	4185.756	127.671	0.389	2.960	449.682	59.145	57.395	1.751
1999	33375	4232.739	4085.319	147.420	0.442	3.483	450.521	57.137	55.147	1.990
2000	33459	4307.577	4155.758	151.819	0.454	3.524	445.090	57.302	55.282	2.020
2001	32275	4136.308	3987.954	148.354	0.460	3.587	423.792	54.312	52.364	1.948
2002	31586	4079.175	3925.930	153.245	0.485	3.757	410.041	52.955	50.965	1.989
2003	30985	4096.221	3906.469	189.752	0.612	4.632	397.934	52.607	50.170	2.437
2004	29884	4034.217	3839.218	194.999	0.653	4.834	379.513	51.233	48.756	2.476
2005	28708	3944.303	3742.838	201.465	0.702	5.108	360.189	49.488	46.960	2.528
2006	28188	3970.169	3749.067	221.102	0.784	5.569	350.253	49.332	46.584	2.747
2007	28026	3957.558	3712.217	245.341	0.875	6.199	344.449	48.640	45.624	3.015
2008	27128	3812.302	3564.980	247.322	0.912	6.487	329.444	46.297	43.293	3.003
2009	27068	3827.467	3541.097	286.370	1.058	7.482	324.637	45.904	42.470	3.435

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	628232	84457.504	81760.192	2697.312	0.429	3.194	424.421	57.058	55.236	1.822

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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	19505.580	2.851	0.008	0.015	527.418	301.804	301.760	0.044
1992	33942	19373.324	19361.265	12.058	0.036	0.062	516.166	294.616	294.432	0.183
1993	35913	20512.169	20483.604	28.565	0.080	0.139	536.514	306.437	306.010	0.427
1994	35074	19906.392	19859.790	46.602	0.133	0.234	514.300	291.893	291.210	0.683
1995	34669	19512.784	19439.152	73.632	0.212	0.377	498.677	280.671	279.612	1.059
1996	34582	19294.631	19203.053	91.578	0.265	0.475	489.808	273.283	271.985	1.297
1997	35267	19490.717	19395.560	95.157	0.270	0.488	491.517	271.643	270.316	1.326
1998	35675	19571.902	19407.361	164.541	0.461	0.841	489.172	268.368	266.112	2.256
1999	38516	21022.469	20783.844	238.624	0.620	1.135	519.919	283.777	280.556	3.221
2000	36283	19687.992	19393.389	294.603	0.812	1.496	482.656	261.900	257.981	3.919
2001	36281	19625.032	19285.063	339.968	0.937	1.732	476.394	257.690	253.226	4.464
2002	35983	19408.801	19020.196	388.604	1.080	2.002	467.122	251.960	246.915	5.045
2003	36205	19481.360	19092.688	388.672	1.074	1.995	464.974	250.195	245.204	4.992
2004	34611	18541.224	18173.995	367.230	1.061	1.981	439.544	235.465	230.801	4.664
2005	36826	19692.114	19281.865	410.249	1.114	2.083	462.043	247.070	241.923	5.147
2006	34350	18220.663	17862.346	358.317	1.043	1.967	426.820	226.403	221.951	4.452
2007	35326	18620.282	18260.360	359.921	1.019	1.933	434.168	228.849	224.426	4.424
2008	38248	20183.701	19694.893	488.808	1.278	2.422	464.487	245.112	239.176	5.936
2009	36902	19371.930	18868.384	503.546	1.365	2.599	442.580	232.335	226.296	6.039

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	385787.447	4653.527	0.653	1.192	481.512	263.774	260.630	3.144

Results for PHIM for Run 18 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA1
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 18, Scenario: STP_NULL

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

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

Results for PHIM for Run 18 (APPENDIX_12_Vary_starting_restarting_rates.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	SET2RA1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000072	0.000072
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000216	0.000216
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000288	0.000288
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000288	0.000288
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000360	0.000360
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000360	0.000360
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000432	0.000432
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000504	0.000504
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000576	0.000576
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000144	0.000072
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000432	0.000216
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000576	0.000288
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000576	0.000288
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000720	0.000360
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000720	0.000360
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000864	0.000432
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.001008	0.000504
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.001152	0.000576

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

Results for PHIM for Run 18 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	155.00	6.91			
5	All Ages	Current MRTP	128.00	1.41					
5	All Ages	Current Dual	93.00	1.02					
5	All Ages	Former	1952.00	21.50			14.65	112.00	5.74

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 18 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	4.00	1.54			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	27.00	3.20			2.85	9.00	33.33
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	10.00	4.33			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	10.00	1.20					
5	25-29	Former	137.00	16.49			5.39	13.00	9.49
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	17.00	5.67			
5	30-34	Current MRTP	9.00	0.90					
5	30-34	Current Dual	11.00	1.10					
5	30-34	Former	177.00	17.72			7.81	10.00	5.65
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	11.00	3.37			
5	35-39	Current MRTP	15.00	1.34					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	235.00	20.94			8.43	17.00	7.23
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	14.00	6.19			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	247.00	25.46			11.67	13.00	5.26
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	14.00	7.37			
5	45-49	Current MRTP	12.00	1.48					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	199.00	24.54			11.19	13.00	6.53
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	13.00	8.33			
5	50-54	Current MRTP	5.00	0.81					
5	50-54	Current Dual	5.00	0.81					
5	50-54	Former	164.00	26.41			15.10	12.00	7.32
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	8.00	6.15			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	3.00	0.56					
5	55-59	Former	153.00	28.60			15.24	4.00	2.61
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	8.00	7.41			
5	60-64	Current MRTP	8.00	1.64					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	130.00	26.64			21.45	4.00	3.08
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	22.00	18.03			
5	65-69	Current MRTP	9.00	1.68					
5	65-69	Current Dual	7.00	1.31					
5	65-69	Former	154.00	28.73			21.12	6.00	3.90
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	16.00	18.60			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	5.00	0.93					
5	70-74	Former	173.00	32.10			24.42	7.00	4.05

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	18.00	28.13			
5	75-79	Current MRTP	8.00	1.65					
5	75-79	Current Dual	6.00	1.23					
5	75-79	Former	155.00	31.89			27.34	3.00	1.94

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1853.00	20.34	255.00	11.24			
10	All Ages	Current MRTP	257.00	2.82					
10	All Ages	Current Dual	159.00	1.75					
10	All Ages	Former	1942.00	21.32			16.03	116.00	5.97

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	8.00	2.94			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	28.00	3.32					
10	25-29	Former	49.00	5.81			4.78	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	441.00	53.07					
10	30-34	Current CC	187.00	22.50	15.00	6.49			
10	30-34	Current MRTP	29.00	3.49					
10	30-34	Current Dual	15.00	1.81					
10	30-34	Former	159.00	19.13			8.88	11.00	6.92

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	34.00	11.26			
10	35-39	Current MRTP	27.00	2.70					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	187.00	18.72			11.18	8.00	4.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	26.00	8.81			
10	40-44	Current MRTP	22.00	1.96					
10	40-44	Current Dual	11.00	0.98					
10	40-44	Former	266.00	23.71			11.20	20.00	7.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	27.00	12.62			
10	45-49	Current MRTP	23.00	2.37					
10	45-49	Current Dual	9.00	0.93					
10	45-49	Former	259.00	26.70			15.20	9.00	3.47

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_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	29.00	15.68			
10	50-54	Current MRTP	21.00	2.59					
10	50-54	Current Dual	11.00	1.36					
10	50-54	Former	204.00	25.15			14.74	8.00	3.92
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	23.00	15.33			
10	55-59	Current MRTP	15.00	2.42					
10	55-59	Current Dual	9.00	1.45					
10	55-59	Former	170.00	27.38			18.04	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	105.00	19.63	16.00	12.90			
10	60-64	Current MRTP	14.00	2.62					
10	60-64	Current Dual	5.00	0.93					
10	60-64	Former	159.00	29.72			18.24	7.00	4.40
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	12.00	12.12			
10	65-69	Current MRTP	9.00	1.84					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	139.00	28.48			23.54	5.00	3.60
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	29.00	25.89			
10	70-74	Current MRTP	16.00	2.99					
10	70-74	Current Dual	11.00	2.05					
10	70-74	Former	164.00	30.60			23.00	10.00	6.10
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	280.00	51.95					
10	75-79	Current CC	64.00	11.87	36.00	39.13			
10	75-79	Current MRTP	19.00	3.53					
10	75-79	Current Dual	9.00	1.67					
10	75-79	Former	167.00	30.98			26.37	13.00	7.78
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1558.00	18.18	330.00	15.71			
15	All Ages	Current MRTP	336.00	3.92					
15	All Ages	Current Dual	207.00	2.42					
15	All Ages	Former	1946.00	22.71			16.88	138.00	7.09
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	3.00	1.30			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	40.00	4.92					
15	25-29	Former	37.00	4.55			4.00	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 18 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	188.00	22.27	11.00	4.00			
15	30-34	Current MRTP	56.00	6.64					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	79.00	9.36			6.18	17.00	21.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	160.00	19.25	29.00	13.49			
15	35-39	Current MRTP	35.00	4.21					
15	35-39	Current Dual	20.00	2.41					
15	35-39	Former	182.00	21.90			11.63	12.00	6.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	49.00	16.96			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	31.00	3.10					
15	40-44	Former	200.00	20.02			13.99	10.00	5.00

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	561.00	50.00					
15	45-49	Current CC	227.00	20.23	34.00	12.23			
15	45-49	Current MRTP	36.00	3.21					
15	45-49	Current Dual	15.00	1.34					
15	45-49	Former	283.00	25.22			14.59	15.00	5.30

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	41.00	20.71			
15	50-54	Current MRTP	29.00	2.99					
15	50-54	Current Dual	15.00	1.55					
15	50-54	Former	275.00	28.35			17.69	13.00	4.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	40.00	22.99			
15	55-59	Current MRTP	23.00	2.84					
15	55-59	Current Dual	17.00	2.10					
15	55-59	Former	215.00	26.51			17.53	13.00	6.05

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	30.00	22.39			
15	60-64	Current MRTP	21.00	3.38					
15	60-64	Current Dual	13.00	2.09					
15	60-64	Former	186.00	29.95			19.59	9.00	4.84

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	93.00	17.38	32.00	26.89			
15	65-69	Current MRTP	16.00	2.99					
15	65-69	Current Dual	10.00	1.87					
15	65-69	Former	164.00	30.65			20.23	9.00	5.49

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	23.00	26.14			
15	70-74	Current MRTP	17.00	3.48					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	150.00	30.74			23.15	12.00	8.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	38.00	37.62			
15	75-79	Current MRTP	21.00	3.92					
15	75-79	Current Dual	11.00	2.05					
15	75-79	Former	175.00	32.65			23.43	14.00	8.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1306.00	16.26	363.00	19.35			

Results for PHIM for Run 18 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	354.00	4.41					
20	All Ages	Current Dual	216.00	2.69					
20	All Ages	Former	1932.00	24.05			18.31	126.00	6.52
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	521.00	64.08					
20	30-34	Current CC	139.00	17.10	5.00	2.18			
20	30-34	Current MRTP	51.00	6.27					
20	30-34	Current Dual	39.00	4.80					
20	30-34	Former	63.00	7.75			5.59	13.00	20.63
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	160.00	18.96	16.00	6.20			
20	35-39	Current MRTP	63.00	7.46					
20	35-39	Current Dual	35.00	4.15					
20	35-39	Former	108.00	12.80			8.14	17.00	15.74
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	34.00	17.35			
20	40-44	Current MRTP	38.00	4.57					
20	40-44	Current Dual	19.00	2.29					
20	40-44	Former	201.00	24.19			14.75	6.00	2.99
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	199.00	19.92	52.00	19.48			
20	45-49	Current MRTP	37.00	3.70					
20	45-49	Current Dual	31.00	3.10					
20	45-49	Former	222.00	22.22			16.42	10.00	4.50
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	43.00	16.73			
20	50-54	Current MRTP	40.00	3.57					
20	50-54	Current Dual	17.00	1.52					
20	50-54	Former	304.00	27.09			17.42	16.00	5.26
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	50.00	27.47			
20	55-59	Current MRTP	33.00	3.40					
20	55-59	Current Dual	18.00	1.86					
20	55-59	Former	291.00	30.00			19.99	15.00	5.15
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	56.00	33.14			
20	60-64	Current MRTP	33.00	4.07					

Results for PHIM for Run 18 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	24.00	2.96					
20	60-64	Former	220.00	27.13			20.37	12.00	5.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	35.00	28.23			
20	65-69	Current MRTP	22.00	3.54					
20	65-69	Current Dual	14.00	2.25					
20	65-69	Former	196.00	31.56			22.23	11.00	5.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	80.00	14.95	40.00	35.71			
20	70-74	Current MRTP	18.00	3.36					
20	70-74	Current Dual	14.00	2.62					
20	70-74	Former	171.00	31.96			22.60	13.00	7.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	32.00	39.02			
20	75-79	Current MRTP	19.00	3.89					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	156.00	31.97			23.82	13.00	8.33

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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	59124.003	3.858	0.002	0.007	2826.86	839.248	839.193	0.055
1992	198532	60226.142	60222.437	3.705	0.002	0.006	2778.64	842.922	842.870	0.052
1993	202512	62332.320	62302.732	29.588	0.015	0.047	2793.47	859.818	859.409	0.408
1994	200658	62691.239	62662.666	28.573	0.014	0.046	2725.82	851.622	851.234	0.388
1995	201023	63132.954	63081.219	51.736	0.026	0.082	2687.54	844.043	843.352	0.692
1996	201180	64309.880	64317.256	-7.376	-0.004	-0.011	2653.67	848.280	848.377	-0.097
1997	198639	64547.894	64553.457	-5.564	-0.003	-0.009	2583.39	839.475	839.547	-0.072
1998	197573	65384.866	65272.731	112.135	0.057	0.172	2533.29	838.367	836.929	1.438
1999	211329	67554.762	67344.682	210.079	0.099	0.311	2673.14	854.513	851.856	2.657
2000	208496	68184.366	67881.022	303.344	0.145	0.445	2604.20	851.652	847.863	3.789
2001	203606	68286.060	67826.330	459.730	0.226	0.673	2514.65	843.372	837.694	5.678
2002	200828	68983.996	68496.465	487.531	0.243	0.707	2455.47	843.450	837.489	5.961
2003	196352	68717.830	68022.253	695.577	0.354	1.012	2377.49	832.057	823.635	8.422
2004	188160	67344.952	66336.923	1008.029	0.536	1.497	2254.66	806.974	794.895	12.079
2005	186416	67846.650	66629.051	1217.599	0.653	1.795	2208.07	803.634	789.211	14.422
2006	180088	66622.465	64953.208	1669.257	0.927	2.506	2113.55	781.893	762.303	19.591
2007	175644	65977.201	64058.811	1918.390	1.092	2.908	2039.92	766.256	743.976	22.280
2008	177570	67121.344	65018.691	2102.652	1.184	3.133	2039.03	770.751	746.606	24.145
2009	172806	66622.993	64157.231	2465.762	1.427	3.701	1961.22	756.123	728.138	27.985

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1289561.757	12754.61	0.327	0.979	2465.77	823.300	815.237	8.063

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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_12_Vary_starting_restarting_rates.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	31526.767	3.251	0.007	0.010	620.154	447.530	447.484	0.046
1992	45423	32811.446	32810.422	1.025	0.002	0.003	635.738	459.227	459.213	0.014
1993	46291	33467.735	33463.528	4.208	0.009	0.013	638.542	461.657	461.599	0.058
1994	47017	33989.389	33990.292	-0.903	-0.002	-0.003	638.697	461.725	461.737	-0.012
1995	47840	34566.580	34563.739	2.841	0.006	0.008	639.587	462.131	462.093	0.038
1996	48244	34997.958	35022.443	-24.486	-0.051	-0.070	636.363	461.641	461.964	-0.323
1997	49035	35549.658	35574.964	-25.307	-0.052	-0.071	637.723	462.340	462.669	-0.329
1998	49686	36138.033	36131.602	6.431	0.013	0.018	637.076	463.363	463.281	0.082
1999	48883	35506.142	35488.991	17.151	0.035	0.048	618.331	449.124	448.907	0.217
2000	50331	36573.306	36526.587	46.719	0.093	0.128	628.656	456.816	456.233	0.584
2001	50389	36733.445	36647.305	86.140	0.171	0.235	622.333	453.679	452.615	1.064
2002	51445	37627.700	37527.752	99.948	0.194	0.266	629.005	460.065	458.843	1.222
2003	51408	37552.784	37385.771	167.013	0.325	0.445	622.464	454.701	452.679	2.022
2004	51399	37527.823	37262.314	265.509	0.517	0.707	615.898	449.684	446.503	3.182
2005	51421	37486.186	37165.206	320.981	0.624	0.856	609.074	444.018	440.216	3.802
2006	51355	37409.496	36922.301	487.195	0.949	1.302	602.712	439.045	433.327	5.718
2007	51839	37602.867	37022.046	580.822	1.120	1.545	602.056	436.718	429.972	6.746
2008	50976	36986.957	36371.113	615.843	1.208	1.665	585.355	424.719	417.648	7.072
2009	51193	37201.944	36439.883	762.061	1.489	2.048	581.003	422.215	413.566	8.649

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	708488.397	3416.442	0.348	0.480	619.890	450.053	447.893	2.160

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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	12665.560	-2.581	-0.003	-0.020	1368.32	179.735	179.772	-0.037
1992	93721	12337.995	12335.844	2.152	0.002	0.017	1311.71	172.682	172.652	0.030
1993	93679	12401.934	12382.622	19.312	0.021	0.156	1292.22	171.073	170.807	0.266
1994	90832	12128.576	12099.656	28.919	0.032	0.238	1233.90	164.759	164.366	0.393
1995	89698	11958.696	11918.362	40.334	0.045	0.337	1199.20	159.879	159.340	0.539
1996	88286	12020.749	11978.382	42.367	0.048	0.352	1164.54	158.560	158.001	0.559
1997	84777	11593.724	11541.926	51.797	0.061	0.447	1102.56	150.782	150.108	0.674
1998	82517	11337.035	11237.809	99.226	0.120	0.875	1058.04	145.364	144.092	1.272
1999	93939	13027.458	12851.702	175.755	0.187	1.349	1188.25	164.787	162.564	2.223
2000	90039	12607.547	12408.951	198.597	0.221	1.575	1124.63	157.474	154.993	2.481
2001	86119	12350.451	12071.864	278.587	0.323	2.256	1063.62	152.535	149.094	3.441
2002	83014	12112.097	11815.156	296.940	0.358	2.452	1014.99	148.092	144.461	3.631
2003	79302	11683.252	11323.067	360.185	0.454	3.083	960.214	141.465	137.103	4.361
2004	73861	11139.095	10668.332	470.763	0.637	4.226	885.053	133.476	127.835	5.641
2005	71649	10884.683	10346.868	537.815	0.751	4.941	848.672	128.927	122.557	6.370
2006	67551	10397.565	9740.689	656.876	0.972	6.318	792.791	122.028	114.319	7.709
2007	63503	9785.831	9056.370	729.461	1.149	7.454	737.521	113.652	105.180	8.472
2008	63171	9922.524	9131.391	791.134	1.252	7.973	725.389	113.940	104.855	9.085
2009	59747	9483.598	8617.491	866.107	1.450	9.133	678.085	107.632	97.802	9.830

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	226838.803	5643.747	0.342	2.428	1043.56	146.971	143.403	3.568

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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_12_Vary_starting_restarting_rates.RTF)

Note: Death rates are per million population

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

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3116.380	-0.365	-0.001	-0.012	461.369	44.228	44.233	-0.005
1992	32560	3095.448	3095.780	-0.332	-0.001	-0.011	455.708	43.324	43.328	-0.005
1993	32768	3114.516	3109.149	5.367	0.016	0.172	452.005	42.962	42.888	0.074
1994	33005	3168.398	3160.867	7.532	0.023	0.238	448.353	43.041	42.938	0.102
1995	33730	3200.274	3188.106	12.168	0.036	0.380	450.946	42.785	42.623	0.163
1996	33750	3234.738	3219.683	15.055	0.045	0.465	445.180	42.668	42.469	0.199
1997	33699	3240.665	3229.536	11.129	0.033	0.343	438.271	42.146	42.002	0.145
1998	33274	3171.578	3145.295	26.283	0.079	0.829	426.640	40.666	40.329	0.337
1999	33891	3153.786	3107.249	46.537	0.137	1.476	428.694	39.893	39.304	0.589
2000	33827	3237.043	3174.779	62.264	0.184	1.923	422.514	40.432	39.654	0.778
2001	32506	3110.972	3026.057	84.915	0.261	2.730	401.468	38.422	37.374	1.049
2002	32078	3123.298	3025.830	97.467	0.304	3.121	392.210	38.188	36.996	1.192
2003	30568	3025.984	2909.037	116.946	0.383	3.865	370.127	36.640	35.224	1.416
2004	29388	2983.453	2826.137	157.316	0.535	5.273	352.147	35.750	33.865	1.885
2005	27954	2926.679	2745.711	180.968	0.647	6.183	331.111	34.666	32.523	2.144
2006	27201	2889.308	2673.588	215.720	0.793	7.466	319.236	33.909	31.378	2.532
2007	26302	2810.025	2567.809	242.216	0.921	8.620	305.470	32.636	29.822	2.813
2008	25998	2773.025	2520.201	252.824	0.972	9.117	298.534	31.843	28.939	2.903
2009	25040	2723.293	2441.223	282.070	1.126	10.358	284.186	30.907	27.706	3.201

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	59475.661	1816.082	0.291	2.963	394.195	38.747	37.599	1.148

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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	11815.295	3.553	0.013	0.030	377.015	167.754	167.704	0.050
1992	26828	11981.252	11980.391	0.861	0.003	0.007	375.483	167.689	167.677	0.012
1993	29774	13348.134	13347.433	0.701	0.002	0.005	410.705	184.125	184.116	0.010
1994	29804	13404.876	13411.851	-6.975	-0.023	-0.052	404.869	182.097	182.192	-0.095
1995	29755	13407.404	13411.012	-3.608	-0.012	-0.027	397.803	179.248	179.296	-0.048
1996	30900	14056.435	14096.748	-40.313	-0.130	-0.287	407.587	185.412	185.943	-0.532
1997	31128	14163.848	14207.031	-43.183	-0.139	-0.305	404.834	184.207	184.769	-0.562
1998	32096	14738.220	14758.026	-19.805	-0.062	-0.134	411.536	188.974	189.228	-0.254
1999	34616	15867.376	15896.740	-29.364	-0.085	-0.185	437.865	200.710	201.081	-0.371
2000	34299	15766.470	15770.705	-4.235	-0.012	-0.027	428.409	196.930	196.983	-0.053
2001	34592	16091.193	16081.104	10.089	0.029	0.063	427.231	198.736	198.611	0.125
2002	34291	16120.902	16127.725	-6.823	-0.020	-0.042	419.268	197.106	197.190	-0.083
2003	35074	16455.810	16404.377	51.433	0.147	0.313	424.687	199.252	198.629	0.623
2004	33512	15694.580	15580.139	114.441	0.341	0.729	401.564	188.063	186.692	1.371
2005	35392	16549.102	16371.267	177.835	0.502	1.075	419.213	196.022	193.915	2.106
2006	33981	15926.096	15616.630	309.466	0.911	1.943	398.807	186.912	183.280	3.632
2007	34000	15778.477	15412.586	365.891	1.076	2.319	394.875	183.251	179.001	4.249
2008	37425	17438.838	16995.987	442.851	1.183	2.539	429.749	200.249	195.164	5.085
2009	36826	17214.158	16658.634	555.524	1.509	3.227	417.948	195.368	189.063	6.305

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

Age Group: All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294758.897	1878.336	0.291	0.633	408.132	187.528	186.341	1.187

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA2
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 19, Scenario: STP_NULL

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

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

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.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: 19, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET2RA2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000096	0.000096
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000288	0.000288
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000384	0.000384
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000480	0.000480
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000480	0.000480
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000576	0.000576
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000672	0.000672
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000768	0.000768
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000192	0.000096
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000576	0.000288
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000768	0.000384
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000960	0.000480
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000960	0.000480
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.001152	0.000576
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.001344	0.000672
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.001536	0.000768

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

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2462.00	26.83	228.00	8.25			
5	All Ages	Current MRTP	186.00	2.03					
5	All Ages	Current Dual	114.00	1.24					
5	All Ages	Former	2514.00	27.39			15.40	154.00	6.13

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

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

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

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	3.00	1.13			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	13.00	1.42					
5	20-24	Former	30.00	3.28			2.97	8.00	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	535.00	55.85					
5	25-29	Current CC	278.00	29.02	6.00	1.94			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	9.00	0.94					
5	25-29	Former	113.00	11.80			4.85	22.00	19.47
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	15.00	3.91			
5	30-34	Current MRTP	20.00	1.86					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	196.00	18.25			6.37	24.00	12.24
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	19.00	5.34			
5	35-39	Current MRTP	15.00	1.39					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	249.00	22.99			7.70	21.00	8.43
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	22.00	7.24			
5	40-44	Current MRTP	14.00	1.44					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	263.00	27.03			12.26	10.00	3.80
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	24.00	9.06			
5	45-49	Current MRTP	17.00	1.98					
5	45-49	Current Dual	13.00	1.51					
5	45-49	Former	286.00	33.29			13.75	10.00	3.50
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	20.00	9.39			
5	50-54	Current MRTP	10.00	1.59					
5	50-54	Current Dual	9.00	1.43					
5	50-54	Former	225.00	35.71			17.49	7.00	3.11
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	22.00	13.92			
5	55-59	Current MRTP	10.00	1.91					
5	55-59	Current Dual	8.00	1.53					
5	55-59	Former	211.00	40.27			16.74	14.00	6.64
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	24.00	17.52			
5	60-64	Current MRTP	15.00	2.91					
5	60-64	Current Dual	9.00	1.75					
5	60-64	Former	237.00	46.02			18.99	7.00	2.95
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	19.00	14.84			
5	65-69	Current MRTP	9.00	1.80					
5	65-69	Current Dual	5.00	1.00					
5	65-69	Former	252.00	50.40			21.88	11.00	4.37
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	30.00	31.25			
5	70-74	Current MRTP	19.00	4.24					
5	70-74	Current Dual	7.00	1.56					
5	70-74	Former	246.00	54.91			22.35	9.00	3.66
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	24.00	27.59			
5	75-79	Current MRTP	12.00	3.34					
5	75-79	Current Dual	7.00	1.95					
5	75-79	Former	204.00	56.82			23.36	10.00	4.90
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2261.00	24.12	395.00	13.82			
10	All Ages	Current MRTP	364.00	3.88					
10	All Ages	Current Dual	234.00	2.50					
10	All Ages	Former	2443.00	26.06			16.96	172.00	7.04
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	7.00	2.30			
10	25-29	Current MRTP	29.00	3.17					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	58.00	6.34			4.74	17.00	29.31
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	12.00	3.77			
10	30-34	Current MRTP	46.00	4.80					
10	30-34	Current Dual	23.00	2.40					
10	30-34	Former	141.00	14.72			7.81	15.00	10.64
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	34.00	9.12			
10	35-39	Current MRTP	38.00	3.54					
10	35-39	Current Dual	19.00	1.77					
10	35-39	Former	213.00	19.83			9.81	14.00	6.57
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	41.00	12.39			
10	40-44	Current MRTP	35.00	3.23					
10	40-44	Current Dual	11.00	1.02					
10	40-44	Former	274.00	25.30			10.68	25.00	9.12
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	406.00	41.73					
10	45-49	Current CC	256.00	26.31	32.00	11.03			
10	45-49	Current MRTP	24.00	2.47					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	277.00	28.47			15.69	15.00	5.42
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	56.00	20.90			
10	50-54	Current MRTP	37.00	4.31					
10	50-54	Current Dual	23.00	2.68					
10	50-54	Former	283.00	32.95			16.75	9.00	3.18
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	162.00	25.71	37.00	18.50			
10	55-59	Current MRTP	27.00	4.29					
10	55-59	Current Dual	11.00	1.75					
10	55-59	Former	238.00	37.78			19.93	8.00	3.36
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	32.00	21.77			
10	60-64	Current MRTP	16.00	3.05					
10	60-64	Current Dual	11.00	2.10					
10	60-64	Former	222.00	42.37			19.32	13.00	5.86
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	99.00	19.22	41.00	29.71			
10	65-69	Current MRTP	23.00	4.47					
10	65-69	Current Dual	16.00	3.11					
10	65-69	Former	236.00	45.83			21.45	15.00	6.36
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	49.00	35.77			
10	70-74	Current MRTP	21.00	4.20					
10	70-74	Current Dual	15.00	3.00					
10	70-74	Former	243.00	48.60			23.94	19.00	7.82
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	54.00	51.43			
10	75-79	Current MRTP	32.00	7.14					
10	75-79	Current Dual	17.00	3.79					
10	75-79	Former	237.00	52.90			25.28	13.00	5.49
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1978.00	22.16	464.00	17.19			
15	All Ages	Current MRTP	468.00	5.24					
15	All Ages	Current Dual	254.00	2.85					
15	All Ages	Former	2359.00	26.43			18.06	160.00	6.78
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	5.00	1.74			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	55.00	6.14					
15	25-29	Former	43.00	4.80			4.23	10.00	23.26
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	525.00	57.38					

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	218.00	23.83	14.00	4.61			
15	30-34	Current MRTP	45.00	4.92					
15	30-34	Current Dual	41.00	4.48					
15	30-34	Former	86.00	9.40			6.64	16.00	18.60
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	226.00	23.59	27.00	8.77			
15	35-39	Current MRTP	52.00	5.43					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	160.00	16.70			10.54	16.00	10.00
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	488.00	45.44					
15	40-44	Current CC	273.00	25.42	41.00	12.09			
15	40-44	Current MRTP	48.00	4.47					
15	40-44	Current Dual	18.00	1.68					
15	40-44	Former	247.00	23.00			12.22	16.00	6.48
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	258.00	23.82	66.00	19.94			
15	45-49	Current MRTP	54.00	4.99					
15	45-49	Current Dual	19.00	1.75					
15	45-49	Former	274.00	25.30			14.47	13.00	4.74
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	45.00	16.79			
15	50-54	Current MRTP	35.00	3.60					
15	50-54	Current Dual	18.00	1.85					
15	50-54	Former	299.00	30.73			18.02	15.00	5.02
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	181.00	21.07	62.00	25.00			
15	55-59	Current MRTP	46.00	5.36					
15	55-59	Current Dual	21.00	2.44					
15	55-59	Former	303.00	35.27			19.14	22.00	7.26
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	49.00	24.75			
15	60-64	Current MRTP	38.00	6.03					
15	60-64	Current Dual	11.00	1.75					
15	60-64	Former	240.00	38.10			22.20	15.00	6.25
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	109.00	20.80	44.00	30.14			
15	65-69	Current MRTP	24.00	4.58					
15	65-69	Current Dual	13.00	2.48					
15	65-69	Former	223.00	42.56			22.08	11.00	4.93
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	86.00	16.70	51.00	37.50			
15	70-74	Current MRTP	38.00	7.38					
15	70-74	Current Dual	12.00	2.33					
15	70-74	Former	238.00	46.21			23.84	11.00	4.62
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	88.00	17.60	60.00	44.78			
15	75-79	Current MRTP	30.00	6.00					
15	75-79	Current Dual	16.00	3.20					
15	75-79	Former	246.00	49.20			24.65	15.00	6.10
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1636.00	19.41	536.00	21.84			

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	548.00	6.50					
20	All Ages	Current Dual	270.00	3.20					
20	All Ages	Former	2253.00	26.74			18.65	160.00	7.10
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	547.00	61.05					
20	30-34	Current CC	162.00	18.08	13.00	4.71			
20	30-34	Current MRTP	60.00	6.70					
20	30-34	Current Dual	54.00	6.03					
20	30-34	Former	73.00	8.15			6.03	15.00	20.55
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	189.00	20.66	22.00	7.51			
20	35-39	Current MRTP	58.00	6.34					
20	35-39	Current Dual	46.00	5.03					
20	35-39	Former	107.00	11.69			8.44	15.00	14.02
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	33.00	11.34			
20	40-44	Current MRTP	59.00	6.16					
20	40-44	Current Dual	32.00	3.34					
20	40-44	Former	177.00	18.48			13.18	10.00	5.65
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	246.00	22.91	50.00	15.67			
20	45-49	Current MRTP	54.00	5.03					
20	45-49	Current Dual	19.00	1.77					
20	45-49	Former	267.00	24.86			15.05	19.00	7.12
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	217.00	20.04	78.00	25.32			
20	50-54	Current MRTP	67.00	6.19					
20	50-54	Current Dual	24.00	2.22					
20	50-54	Former	297.00	27.42			16.56	17.00	5.72
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	62.00	24.03			
20	55-59	Current MRTP	50.00	5.14					
20	55-59	Current Dual	22.00	2.26					
20	55-59	Former	309.00	31.76			19.99	18.00	5.83
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	160.00	18.63	71.00	30.21			
20	60-64	Current MRTP	52.00	6.05					

Results for PHIM for Run 19 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	23.00	2.68					
20	60-64	Former	316.00	36.79			20.73	20.00	6.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	69.00	36.70			
20	65-69	Current MRTP	55.00	8.73					
20	65-69	Current Dual	16.00	2.54					
20	65-69	Former	250.00	39.68			22.72	19.00	7.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	92.00	17.56	64.00	43.24			
20	70-74	Current MRTP	42.00	8.02					
20	70-74	Current Dual	14.00	2.67					
20	70-74	Former	221.00	42.18			24.14	12.00	5.43

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	67.00	13.01	74.00	53.62			
20	75-79	Current MRTP	51.00	9.90					
20	75-79	Current Dual	20.00	3.88					
20	75-79	Former	236.00	45.83			24.06	15.00	6.36

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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	124114.602	17.981	0.006	0.014	4845.61	1920.39	1920.11	0.278
1992	308577	122143.718	122039.548	104.170	0.034	0.085	4692.62	1857.47	1855.89	1.584
1993	311713	123269.216	123010.032	259.184	0.083	0.210	4656.77	1841.55	1837.68	3.872
1994	305700	120480.723	120104.390	376.334	0.123	0.312	4482.57	1766.64	1761.13	5.518
1995	303225	118666.569	118096.727	569.842	0.188	0.480	4361.58	1706.89	1698.70	8.197
1996	299559	116607.195	115899.221	707.973	0.236	0.607	4242.85	1651.58	1641.56	10.027
1997	294226	114665.051	113863.874	801.177	0.272	0.699	4100.64	1598.09	1586.92	11.166
1998	289258	113038.380	112067.386	970.994	0.336	0.859	3966.28	1549.97	1536.66	13.314
1999	311002	117067.463	115756.229	1311.234	0.422	1.120	4198.14	1580.27	1562.57	17.700
2000	303786	114977.407	113527.551	1449.857	0.477	1.261	4041.13	1529.49	1510.20	19.287
2001	296294	113047.319	111515.947	1531.372	0.517	1.355	3890.54	1484.39	1464.28	20.108
2002	291898	111744.742	110070.630	1674.111	0.574	1.498	3789.34	1450.64	1428.91	21.733
2003	285865	110551.854	108695.867	1855.987	0.649	1.679	3671.31	1419.80	1395.96	23.836
2004	274177	107418.262	105549.385	1868.876	0.682	1.740	3481.92	1364.16	1340.43	23.734
2005	272379	107678.770	105662.861	2015.909	0.740	1.872	3417.44	1351.01	1325.71	25.293
2006	264118	104357.806	102273.485	2084.322	0.789	1.997	3281.83	1296.71	1270.81	25.899
2007	258419	102690.449	100464.099	2226.350	0.862	2.168	3176.05	1262.10	1234.74	27.363
2008	259461	103492.166	100890.899	2601.267	1.003	2.513	3150.91	1256.82	1225.23	31.590
2009	253907	101384.044	98510.074	2873.970	1.132	2.835	3045.20	1215.94	1181.47	34.469

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	2247942.768	25300.91	0.435	1.113	3927.78	1535.76	1518.67	17.093

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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_12_Vary_starting_restarting_rates.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	63062.015	6.770	0.009	0.011	1213.84	975.702	975.598	0.105
1992	77987	62535.347	62510.518	24.829	0.032	0.040	1185.97	950.993	950.616	0.378
1993	78542	62883.111	62828.980	54.131	0.069	0.086	1173.36	939.428	938.619	0.809
1994	77437	61805.804	61725.283	80.521	0.104	0.130	1135.48	906.276	905.096	1.181
1995	76904	61145.799	61022.042	123.757	0.161	0.202	1106.18	879.519	877.738	1.780
1996	76232	60385.323	60234.315	151.007	0.198	0.250	1079.72	855.277	853.138	2.139
1997	75473	59549.806	59394.821	154.985	0.205	0.260	1051.87	829.947	827.787	2.160
1998	75381	59292.315	59071.892	220.423	0.292	0.372	1033.62	813.010	809.988	3.022
1999	73159	57398.351	57126.109	272.242	0.372	0.474	987.557	774.807	771.132	3.675
2000	73784	57716.549	57379.889	336.660	0.456	0.583	981.515	767.777	763.298	4.478
2001	73294	57211.877	56847.268	364.609	0.497	0.637	962.399	751.230	746.442	4.788
2002	72442	56438.810	56039.543	399.267	0.551	0.707	940.422	732.673	727.490	5.183
2003	71942	55948.341	55532.466	415.875	0.578	0.743	923.937	718.533	713.192	5.341
2004	71301	55339.218	54914.811	424.407	0.595	0.767	905.490	702.783	697.393	5.390
2005	70964	54964.459	54527.489	436.971	0.616	0.795	890.360	689.620	684.137	5.483
2006	69658	53781.526	53346.600	434.927	0.624	0.809	865.543	668.268	662.864	5.404
2007	68565	52784.985	52329.929	455.055	0.664	0.862	842.687	648.745	643.152	5.593
2008	68226	52470.692	51911.627	559.065	0.819	1.065	828.542	637.208	630.419	6.789
2009	67509	51823.021	51200.439	622.582	0.922	1.201	809.661	621.533	614.067	7.467

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	1154450.444	5538.084	0.375	0.477	997.213	783.665	779.924	3.741

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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	37059.204	8.180	0.005	0.022	2599.72	573.449	573.322	0.127
1992	164548	35863.851	35804.585	59.266	0.036	0.165	2502.33	545.392	544.491	0.901
1993	164362	35459.800	35307.721	152.079	0.093	0.429	2455.45	529.744	527.472	2.272
1994	159866	34293.631	34081.987	211.645	0.132	0.617	2344.16	502.857	499.754	3.103
1995	158083	33531.695	33219.319	312.376	0.198	0.932	2273.86	482.318	477.825	4.493
1996	154875	32438.163	32050.021	388.142	0.251	1.197	2193.60	459.443	453.946	5.498
1997	149970	31179.663	30726.674	452.989	0.302	1.453	2090.14	434.552	428.238	6.313
1998	145407	29860.736	29361.528	499.209	0.343	1.672	1993.81	409.447	402.602	6.845
1999	165952	34413.904	33708.831	705.073	0.425	2.049	2240.15	464.545	455.028	9.518
2000	160260	33265.290	32534.053	731.237	0.456	2.198	2131.87	442.513	432.786	9.727
2001	154444	32074.102	31306.152	767.949	0.497	2.394	2027.95	421.154	411.071	10.084
2002	151887	31817.956	30978.968	838.988	0.552	2.637	1971.76	413.052	402.161	10.892
2003	146733	31025.931	30050.033	975.898	0.665	3.145	1884.46	398.460	385.927	12.533
2004	138381	29503.602	28503.280	1000.322	0.723	3.391	1757.38	374.682	361.979	12.704
2005	135881	29077.894	27986.697	1091.197	0.803	3.753	1704.85	364.830	351.139	13.691
2006	131922	28385.448	27207.332	1178.116	0.893	4.150	1639.21	352.707	338.068	14.639
2007	126502	27327.625	26057.424	1270.201	1.004	4.648	1554.75	335.866	320.254	15.611
2008	125859	27025.472	25614.159	1411.313	1.121	5.222	1528.44	328.199	311.060	17.139
2009	122428	26361.626	24793.202	1568.424	1.281	5.950	1468.33	316.165	297.354	18.811

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	2996888	638356.673	624734.068	13622.61	0.455	2.134	2024.64	431.261	422.058	9.203

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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_12_Vary_starting_restarting_rates.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	4488.010	-0.028	-0.000	-0.001	504.630	69.431	69.432	-0.000
1992	32100	4371.196	4363.091	8.105	0.025	0.185	488.154	66.474	66.351	0.123
1993	32896	4414.136	4388.187	25.949	0.079	0.588	491.442	65.944	65.556	0.388
1994	33323	4474.895	4434.484	40.412	0.121	0.903	488.625	65.617	65.024	0.593
1995	33569	4476.290	4412.563	63.728	0.190	1.424	482.855	64.387	63.470	0.917
1996	33870	4489.078	4405.223	83.856	0.248	1.868	479.723	63.582	62.394	1.188
1997	33516	4444.866	4335.927	108.940	0.325	2.451	467.113	61.948	60.430	1.518
1998	32795	4313.427	4205.582	107.845	0.329	2.500	449.682	59.145	57.667	1.479
1999	33375	4232.739	4110.241	122.498	0.367	2.894	450.521	57.137	55.483	1.654
2000	33459	4307.577	4187.928	119.650	0.358	2.778	445.090	57.302	55.710	1.592
2001	32275	4136.308	4023.551	112.758	0.349	2.726	423.792	54.312	52.832	1.481
2002	31586	4079.175	3966.499	112.676	0.357	2.762	410.041	52.955	51.492	1.463
2003	30985	4096.221	3946.336	149.885	0.484	3.659	397.934	52.607	50.682	1.925
2004	29884	4034.217	3880.108	154.108	0.516	3.820	379.513	51.233	49.276	1.957
2005	28708	3944.303	3780.676	163.627	0.570	4.148	360.189	49.488	47.435	2.053
2006	28188	3970.169	3783.455	186.715	0.662	4.703	350.253	49.332	47.012	2.320
2007	28026	3957.558	3744.967	212.591	0.759	5.372	344.449	48.640	46.027	2.613
2008	27128	3812.302	3596.450	215.852	0.796	5.662	329.444	46.297	43.676	2.621
2009	27068	3827.467	3573.956	253.511	0.937	6.623	324.637	45.904	42.864	3.040

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	82214.829	2242.674	0.357	2.655	424.421	57.058	55.543	1.515

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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	19505.373	3.058	0.009	0.016	527.418	301.804	301.757	0.047
1992	33942	19373.324	19361.354	11.970	0.035	0.062	516.166	294.616	294.434	0.182
1993	35913	20512.169	20485.144	27.025	0.075	0.132	536.514	306.437	306.033	0.404
1994	35074	19906.392	19862.636	43.756	0.125	0.220	514.300	291.893	291.252	0.642
1995	34669	19512.784	19442.804	69.981	0.202	0.359	498.677	280.671	279.664	1.007
1996	34582	19294.631	19209.662	84.968	0.246	0.440	489.808	273.283	272.079	1.203
1997	35267	19490.717	19406.453	84.264	0.239	0.432	491.517	271.643	270.468	1.174
1998	35675	19571.902	19428.385	143.517	0.402	0.733	489.172	268.368	266.400	1.968
1999	38516	21022.469	20811.048	211.421	0.549	1.006	519.919	283.777	280.924	2.854
2000	36283	19687.992	19425.681	262.310	0.723	1.332	482.656	261.900	258.411	3.489
2001	36281	19625.032	19338.976	286.056	0.788	1.458	476.394	257.690	253.934	3.756
2002	35983	19408.801	19085.620	323.180	0.898	1.665	467.122	251.960	247.764	4.195
2003	36205	19481.360	19167.032	314.328	0.868	1.613	464.974	250.195	246.158	4.037
2004	34611	18541.224	18251.185	290.039	0.838	1.564	439.544	235.465	231.782	3.683
2005	36826	19692.114	19367.999	324.115	0.880	1.646	462.043	247.070	243.003	4.067
2006	34350	18220.663	17936.099	284.564	0.828	1.562	426.820	226.403	222.867	3.536
2007	35326	18620.282	18331.779	288.503	0.817	1.549	434.168	228.849	225.304	3.546
2008	38248	20183.701	19768.663	415.038	1.085	2.056	464.487	245.112	240.072	5.040
2009	36902	19371.930	18942.477	429.453	1.164	2.217	442.580	232.335	227.184	5.151

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	386543.427	3897.547	0.547	0.998	481.512	263.774	261.141	2.633

Results for PHIM for Run 20 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA2
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_12_Vary_starting_restarting_rates
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 20, Scenario: STP_NULL

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

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

Results for PHIM for Run 20 (APPENDIX_12_Vary_starting_restarting_rates.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		SET2RA2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000096	0.000096
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000288	0.000288
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000384	0.000384
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000384	0.000384
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000480	0.000480
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000480	0.000480
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000576	0.000576
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000672	0.000672
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000768	0.000768
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000192	0.000096
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000576	0.000288
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000768	0.000384
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000768	0.000384
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000960	0.000480
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000960	0.000480
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.001152	0.000576
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.001344	0.000672
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.001536	0.000768

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

Results for PHIM for Run 20 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	186.00	8.18			
5	All Ages	Current MRTP	155.00	1.71					
5	All Ages	Current Dual	97.00	1.07					
5	All Ages	Former	1921.00	21.16			14.56	115.00	5.99

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 20 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	5.00	1.92			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	26.00	3.08			2.77	9.00	34.62
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	13.00	5.56			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	13.00	1.56					
5	25-29	Former	134.00	16.13			5.40	13.00	9.70
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	18.00	5.98			
5	30-34	Current MRTP	9.00	0.90					
5	30-34	Current Dual	12.00	1.20					
5	30-34	Former	176.00	17.62			7.81	11.00	6.25
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	12.00	3.67			
5	35-39	Current MRTP	17.00	1.52					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	234.00	20.86			8.37	18.00	7.69
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	18.00	7.83			
5	40-44	Current MRTP	12.00	1.24					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	243.00	25.05			11.76	13.00	5.35
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	17.00	8.81			
5	45-49	Current MRTP	16.00	1.97					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	196.00	24.17			11.18	14.00	7.14
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	16.00	10.06			
5	50-54	Current MRTP	7.00	1.13					
5	50-54	Current Dual	6.00	0.97					
5	50-54	Former	161.00	25.93			15.14	12.00	7.45
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	10.00	7.58			
5	55-59	Current MRTP	8.00	1.50					
5	55-59	Current Dual	4.00	0.75					
5	55-59	Former	151.00	28.22			15.25	4.00	2.65
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	10.00	9.09			
5	60-64	Current MRTP	8.00	1.64					
5	60-64	Current Dual	3.00	0.61					
5	60-64	Former	128.00	26.23			21.19	4.00	3.13
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	23.00	18.70			
5	65-69	Current MRTP	13.00	2.43					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	153.00	28.54			20.99	6.00	3.92
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	19.00	21.35			
5	70-74	Current MRTP	11.00	2.04					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	170.00	31.54			24.18	7.00	4.12

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	25.00	35.21			
5	75-79	Current MRTP	12.00	2.47					
5	75-79	Current Dual	9.00	1.85					
5	75-79	Former	148.00	30.45			27.11	3.00	2.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1852.00	20.33	294.00	12.74			
10	All Ages	Current MRTP	302.00	3.32					
10	All Ages	Current Dual	154.00	1.69					
10	All Ages	Former	1903.00	20.89			15.86	121.00	6.36

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	10.00	3.65			
10	25-29	Current MRTP	37.00	4.38					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	47.00	5.57			4.57	12.00	25.53

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	19.00	8.09			
10	30-34	Current MRTP	29.00	3.49					
10	30-34	Current Dual	19.00	2.29					
10	30-34	Former	155.00	18.65			8.81	11.00	7.10

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	510.00	51.05					
10	35-39	Current CC	254.00	25.43	37.00	12.13			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	22.00	2.20					
10	35-39	Former	184.00	18.42			11.08	9.00	4.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	32.00	10.63			
10	40-44	Current MRTP	28.00	2.50					
10	40-44	Current Dual	11.00	0.98					
10	40-44	Former	260.00	23.17			11.22	20.00	7.69

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	181.00	18.66	33.00	15.00			
10	45-49	Current MRTP	28.00	2.89					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	253.00	26.08			15.10	10.00	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 20 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	31.00	16.58			
10	50-54	Current MRTP	27.00	3.33					
10	50-54	Current Dual	7.00	0.86					
10	50-54	Former	202.00	24.91			14.65	8.00	3.96
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	24.00	15.89			
10	55-59	Current MRTP	20.00	3.22					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	169.00	27.21			17.85	7.00	4.14
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	17.00	13.60			
10	60-64	Current MRTP	17.00	3.18					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	158.00	29.53			17.87	10.00	6.33
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	16.00	15.53			
10	65-69	Current MRTP	11.00	2.25					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	135.00	27.66			23.05	6.00	4.44
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	85.00	15.86	33.00	28.45			
10	70-74	Current MRTP	23.00	4.29					
10	70-74	Current Dual	8.00	1.49					
10	70-74	Former	160.00	29.85			22.81	10.00	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	64.00	11.87	42.00	42.86			
10	75-79	Current MRTP	25.00	4.64					
10	75-79	Current Dual	9.00	1.67					
10	75-79	Former	161.00	29.87			26.14	12.00	7.45
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1556.00	18.16	382.00	17.74			
15	All Ages	Current MRTP	390.00	4.55					
15	All Ages	Current Dual	207.00	2.42					
15	All Ages	Former	1894.00	22.10			16.57	143.00	7.55
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	3.00	1.30			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	40.00	4.92					
15	25-29	Former	37.00	4.55			4.00	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 20 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	188.00	22.27	15.00	5.38			
15	30-34	Current MRTP	58.00	6.87					
15	30-34	Current Dual	33.00	3.91					
15	30-34	Former	75.00	8.89			6.16	17.00	22.67
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	434.00	52.23					
15	35-39	Current CC	160.00	19.25	32.00	14.68			
15	35-39	Current MRTP	38.00	4.57					
15	35-39	Current Dual	20.00	2.41					
15	35-39	Former	179.00	21.54			11.46	13.00	7.26
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	55.00	18.64			
15	40-44	Current MRTP	44.00	4.40					
15	40-44	Current Dual	29.00	2.90					
15	40-44	Former	194.00	19.42			13.71	10.00	5.15
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	227.00	20.23	42.00	14.69			
15	45-49	Current MRTP	44.00	3.92					
15	45-49	Current Dual	15.00	1.34					
15	45-49	Former	275.00	24.51			14.51	15.00	5.45
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	153.00	15.77	55.00	25.94			
15	50-54	Current MRTP	37.00	3.81					
15	50-54	Current Dual	22.00	2.27					
15	50-54	Former	261.00	26.91			17.18	13.00	4.98
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	44.00	24.72			
15	55-59	Current MRTP	30.00	3.70					
15	55-59	Current Dual	14.00	1.73					
15	55-59	Former	211.00	26.02			17.37	13.00	6.16
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	34.00	24.64			
15	60-64	Current MRTP	27.00	4.35					
15	60-64	Current Dual	11.00	1.77					
15	60-64	Former	182.00	29.31			19.46	9.00	4.95
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	252.00	47.10					
15	65-69	Current CC	93.00	17.38	32.00	26.89			
15	65-69	Current MRTP	20.00	3.74					
15	65-69	Current Dual	6.00	1.12					
15	65-69	Former	164.00	30.65			19.59	10.00	6.10
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	28.00	30.11			
15	70-74	Current MRTP	21.00	4.30					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	145.00	29.71			22.43	13.00	8.97
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	68.00	12.69	42.00	40.00			
15	75-79	Current MRTP	25.00	4.66					
15	75-79	Current Dual	12.00	2.24					
15	75-79	Former	171.00	31.90			22.86	16.00	9.36
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1305.00	16.24	438.00	22.45			

Results for PHIM for Run 20 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	420.00	5.23					
20	All Ages	Current Dual	226.00	2.81					
20	All Ages	Former	1857.00	23.11			17.83	133.00	7.16
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	521.00	64.08					
20	30-34	Current CC	139.00	17.10	6.00	2.61			
20	30-34	Current MRTP	51.00	6.27					
20	30-34	Current Dual	40.00	4.92					
20	30-34	Former	62.00	7.63			5.61	13.00	20.97
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	160.00	18.96	21.00	7.98			
20	35-39	Current MRTP	67.00	7.94					
20	35-39	Current Dual	36.00	4.27					
20	35-39	Former	103.00	12.20			7.86	18.00	17.48
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	41.00	20.20			
20	40-44	Current MRTP	43.00	5.17					
20	40-44	Current Dual	21.00	2.53					
20	40-44	Former	194.00	23.35			14.59	6.00	3.09
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	199.00	19.92	63.00	22.66			
20	45-49	Current MRTP	45.00	4.50					
20	45-49	Current Dual	34.00	3.40					
20	45-49	Former	211.00	21.12			16.22	11.00	5.21
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	53.00	19.85			
20	50-54	Current MRTP	49.00	4.37					
20	50-54	Current Dual	18.00	1.60					
20	50-54	Former	294.00	26.20			17.21	17.00	5.78
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	130.00	13.40	66.00	33.33			
20	55-59	Current MRTP	44.00	4.54					
20	55-59	Current Dual	24.00	2.47					
20	55-59	Former	275.00	28.35			19.01	17.00	6.18
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	64.00	36.16			
20	60-64	Current MRTP	44.00	5.43					

Results for PHIM for Run 20 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	21.00	2.59					
20	60-64	Former	212.00	26.14			20.14	13.00	6.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	41.00	31.54			
20	65-69	Current MRTP	28.00	4.51					
20	65-69	Current Dual	14.00	2.25					
20	65-69	Former	190.00	30.60			21.67	11.00	5.79

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	80.00	14.95	40.00	35.71			
20	70-74	Current MRTP	24.00	4.49					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	171.00	31.96			21.70	13.00	7.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	43.00	46.24			
20	75-79	Current MRTP	25.00	5.12					
20	75-79	Current Dual	10.00	2.05					
20	75-79	Former	145.00	29.71			22.83	14.00	9.66

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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	59132.632	-4.771	-0.002	-0.008	2826.86	839.248	839.315	-0.068
1992	198532	60226.142	60242.033	-15.891	-0.008	-0.026	2778.64	842.922	843.145	-0.222
1993	202512	62332.320	62325.060	7.260	0.004	0.012	2793.47	859.818	859.717	0.100
1994	200658	62691.239	62696.427	-5.188	-0.003	-0.008	2725.82	851.622	851.693	-0.070
1995	201023	63132.954	63127.393	5.561	0.003	0.009	2687.54	844.043	843.969	0.074
1996	201180	64309.880	64356.759	-46.879	-0.023	-0.073	2653.67	848.280	848.898	-0.618
1997	198639	64547.894	64579.537	-31.643	-0.016	-0.049	2583.39	839.475	839.887	-0.412
1998	197573	65384.866	65313.613	71.253	0.036	0.109	2533.29	838.367	837.453	0.914
1999	211329	67554.762	67408.755	146.007	0.069	0.216	2673.14	854.513	852.667	1.847
2000	208496	68184.366	67942.666	241.700	0.116	0.354	2604.20	851.652	848.633	3.019
2001	203606	68286.060	67896.387	389.674	0.191	0.571	2514.65	843.372	838.560	4.813
2002	200828	68983.996	68555.720	428.276	0.213	0.621	2455.47	843.450	838.214	5.236
2003	196352	68717.830	68084.793	633.037	0.322	0.921	2377.49	832.057	824.392	7.665
2004	188160	67344.952	66429.107	915.845	0.487	1.360	2254.66	806.974	795.999	10.974
2005	186416	67846.650	66705.742	1140.908	0.612	1.682	2208.07	803.634	790.120	13.514
2006	180088	66622.465	65023.330	1599.135	0.888	2.400	2113.55	781.893	763.126	18.768
2007	175644	65977.201	64129.900	1847.301	1.052	2.800	2039.92	766.256	744.802	21.454
2008	177570	67121.344	65098.031	2023.313	1.139	3.014	2039.03	770.751	747.517	23.234
2009	172806	66622.993	64237.573	2385.420	1.380	3.580	1961.22	756.123	729.050	27.073

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	1290586.046	11730.32	0.301	0.901	2465.77	823.300	815.884	7.416

****

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_12_Vary_starting_restarting_rates.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	31529.077	0.942	0.002	0.003	620.154	447.530	447.517	0.013
1992	45423	32811.446	32815.565	-4.119	-0.009	-0.013	635.738	459.227	459.285	-0.058
1993	46291	33467.735	33469.267	-1.532	-0.003	-0.005	638.542	461.657	461.678	-0.021
1994	47017	33989.389	33999.050	-9.662	-0.021	-0.028	638.697	461.725	461.856	-0.131
1995	47840	34566.580	34576.490	-9.910	-0.021	-0.029	639.587	462.131	462.263	-0.132
1996	48244	34997.958	35032.206	-34.248	-0.071	-0.098	636.363	461.641	462.093	-0.452
1997	49035	35549.658	35580.435	-30.778	-0.063	-0.087	637.723	462.340	462.740	-0.400
1998	49686	36138.033	36141.734	-3.701	-0.007	-0.010	637.076	463.363	463.411	-0.047
1999	48883	35506.142	35503.966	2.176	0.004	0.006	618.331	449.124	449.097	0.028
2000	50331	36573.306	36544.494	28.812	0.057	0.079	628.656	456.816	456.456	0.360
2001	50389	36733.445	36669.347	64.099	0.127	0.174	622.333	453.679	452.888	0.792
2002	51445	37627.700	37545.699	82.001	0.159	0.218	629.005	460.065	459.062	1.003
2003	51408	37552.784	37403.580	149.204	0.290	0.397	622.464	454.701	452.894	1.807
2004	51399	37527.823	37290.565	237.258	0.462	0.632	615.898	449.684	446.841	2.843
2005	51421	37486.186	37187.143	299.043	0.582	0.798	609.074	444.018	440.476	3.542
2006	51355	37409.496	36942.080	467.416	0.910	1.249	602.712	439.045	433.559	5.486
2007	51839	37602.867	37043.725	559.143	1.079	1.487	602.056	436.718	430.224	6.494
2008	50976	36986.957	36394.990	591.966	1.161	1.600	585.355	424.719	417.922	6.798
2009	51193	37201.944	36464.830	737.114	1.440	1.981	581.003	422.215	413.849	8.366

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	708779.615	3125.224	0.319	0.439	619.890	450.053	448.077	1.976

****

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		Null	MRTP			%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	12669.152	-6.173	-0.006	-0.049	1368.32	179.735	179.823	-0.088
1992	93721	12337.995	12343.850	-5.855	-0.006	-0.047	1311.71	172.682	172.764	-0.082
1993	93679	12401.934	12392.000	9.934	0.011	0.080	1292.22	171.073	170.936	0.137
1994	90832	12128.576	12113.906	14.670	0.016	0.121	1233.90	164.759	164.560	0.199
1995	89698	11958.696	11936.860	21.836	0.024	0.183	1199.20	159.879	159.587	0.292
1996	88286	12020.749	11996.663	24.086	0.027	0.200	1164.54	158.560	158.242	0.318
1997	84777	11593.724	11556.319	37.405	0.044	0.323	1102.56	150.782	150.295	0.486
1998	82517	11337.035	11256.657	80.378	0.097	0.709	1058.04	145.364	144.333	1.031
1999	93939	13027.458	12881.747	145.711	0.155	1.118	1188.25	164.787	162.944	1.843
2000	90039	12607.547	12434.144	173.403	0.193	1.375	1124.63	157.474	155.308	2.166
2001	86119	12350.451	12097.470	252.980	0.294	2.048	1063.62	152.535	149.411	3.124
2002	83014	12112.097	11837.104	274.993	0.331	2.270	1014.99	148.092	144.729	3.362
2003	79302	11683.252	11347.158	336.095	0.424	2.877	960.214	141.465	137.395	4.070
2004	73861	11139.095	10700.973	438.122	0.593	3.933	885.053	133.476	128.226	5.250
2005	71649	10884.683	10377.506	507.177	0.708	4.660	848.672	128.927	122.920	6.007
2006	67551	10397.565	9770.143	627.421	0.929	6.034	792.791	122.028	114.664	7.364
2007	63503	9785.831	9082.955	702.876	1.107	7.183	737.521	113.652	105.489	8.163
2008	63171	9922.524	9159.194	763.330	1.208	7.693	725.389	113.940	105.175	8.765
2009	59747	9483.598	8646.730	836.868	1.401	8.824	678.085	107.632	98.134	9.498

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	227247.294	5235.256	0.317	2.252	1043.56	146.971	143.661	3.310

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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_12_Vary_starting_restarting_rates.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	3117.389	-1.374	-0.004	-0.044	461.369	44.228	44.248	-0.019
1992	32560	3095.448	3098.554	-3.107	-0.010	-0.100	455.708	43.324	43.367	-0.043
1993	32768	3114.516	3112.280	2.236	0.007	0.072	452.005	42.962	42.931	0.031
1994	33005	3168.398	3165.269	3.129	0.009	0.099	448.353	43.041	42.998	0.043
1995	33730	3200.274	3193.362	6.912	0.020	0.216	450.946	42.785	42.693	0.092
1996	33750	3234.738	3225.069	9.670	0.029	0.299	445.180	42.668	42.540	0.128
1997	33699	3240.665	3234.218	6.447	0.019	0.199	438.271	42.146	42.062	0.084
1998	33274	3171.578	3151.719	19.859	0.060	0.626	426.640	40.666	40.411	0.255
1999	33891	3153.786	3116.632	37.154	0.110	1.178	428.694	39.893	39.423	0.470
2000	33827	3237.043	3180.823	56.220	0.166	1.737	422.514	40.432	39.730	0.702
2001	32506	3110.972	3031.424	79.548	0.245	2.557	401.468	38.422	37.440	0.982
2002	32078	3123.298	3031.749	91.549	0.285	2.931	392.210	38.188	37.068	1.119
2003	30568	3025.984	2915.201	110.783	0.362	3.661	370.127	36.640	35.298	1.341
2004	29388	2983.453	2833.393	150.060	0.511	5.030	352.147	35.750	33.952	1.798
2005	27954	2926.679	2753.735	172.944	0.619	5.909	331.111	34.666	32.618	2.048
2006	27201	2889.308	2680.872	208.436	0.766	7.214	319.236	33.909	31.463	2.446
2007	26302	2810.025	2574.606	235.419	0.895	8.378	305.470	32.636	29.901	2.734
2008	25998	2773.025	2526.990	246.035	0.946	8.872	298.534	31.843	29.017	2.825
2009	25040	2723.293	2447.212	276.081	1.103	10.138	284.186	30.907	27.774	3.133

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	59583.742	1708.001	0.274	2.787	394.195	38.747	37.668	1.080

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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	11817.013	1.834	0.007	0.016	377.015	167.754	167.728	0.026
1992	26828	11981.252	11984.064	-2.811	-0.010	-0.023	375.483	167.689	167.728	-0.039
1993	29774	13348.134	13351.512	-3.378	-0.011	-0.025	410.705	184.125	184.172	-0.047
1994	29804	13404.876	13418.201	-13.325	-0.045	-0.099	404.869	182.097	182.278	-0.181
1995	29755	13407.404	13420.680	-13.276	-0.045	-0.099	397.803	179.248	179.425	-0.177
1996	30900	14056.435	14102.821	-46.386	-0.150	-0.330	407.587	185.412	186.023	-0.612
1997	31128	14163.848	14208.565	-44.717	-0.144	-0.316	404.834	184.207	184.789	-0.582
1998	32096	14738.220	14763.503	-25.282	-0.079	-0.172	411.536	188.974	189.298	-0.324
1999	34616	15867.376	15906.410	-39.034	-0.113	-0.246	437.865	200.710	201.203	-0.494
2000	34299	15766.470	15783.205	-16.736	-0.049	-0.106	428.409	196.930	197.139	-0.209
2001	34592	16091.193	16098.146	-6.953	-0.020	-0.043	427.231	198.736	198.821	-0.086
2002	34291	16120.902	16141.168	-20.267	-0.059	-0.126	419.268	197.106	197.354	-0.248
2003	35074	16455.810	16418.854	36.956	0.105	0.225	424.687	199.252	198.805	0.447
2004	33512	15694.580	15604.175	90.405	0.270	0.576	401.564	188.063	186.980	1.083
2005	35392	16549.102	16387.357	161.745	0.457	0.977	419.213	196.022	194.106	1.916
2006	33981	15926.096	15630.235	295.861	0.871	1.858	398.807	186.912	183.439	3.472
2007	34000	15778.477	15428.614	349.863	1.029	2.217	394.875	183.251	179.187	4.063
2008	37425	17438.838	17016.857	421.981	1.128	2.420	429.749	200.249	195.404	4.846
2009	36826	17214.158	16678.800	535.357	1.454	3.110	417.948	195.368	189.292	6.076

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	294975.396	1661.837	0.257	0.560	408.132	187.528	186.478	1.051

Results for PHIM for Run 21 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 21

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA3
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.RTF)

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

****

STP values for Run: 21, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET2RA3

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000216	0.000072	0.000072
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000648	0.000216	0.000216
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000864	0.000288	0.000288
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001080	0.000360	0.000360
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001080	0.000360	0.000360
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.001296	0.000432	0.000432
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001512	0.000504	0.000504
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001728	0.000576	0.000576
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000144	0.000144	0.000072
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000432	0.000432	0.000216
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000576	0.000576	0.000288
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000720	0.000360
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000720	0.000360
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000864	0.000432
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.001008	0.000504
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.001152	0.000576

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

Results for PHIM for Run 21 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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Main Output for the Smoking History Summarized over Simulations for Run: 21, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 21 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2491.00	27.14	220.00	7.99			
5	All Ages	Current MRTP	168.00	1.83					
5	All Ages	Current Dual	95.00	1.04					
5	All Ages	Former	2522.00	27.48			15.41	153.00	6.07

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

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

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

Results for PHIM for Run 21 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	3.00	1.13			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	13.00	1.42					
5	20-24	Former	30.00	3.28			2.97	8.00	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	535.00	55.85					
5	25-29	Current CC	280.00	29.23	8.00	2.56			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	10.00	1.04					
5	25-29	Former	111.00	11.59			4.88	21.00	18.92
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	354.00	32.96	12.00	3.15			
5	30-34	Current MRTP	18.00	1.68					
5	30-34	Current Dual	9.00	0.84					
5	30-34	Former	199.00	18.53			6.43	24.00	12.06
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	340.00	31.39	18.00	5.07			
5	35-39	Current MRTP	11.00	1.02					
5	35-39	Current Dual	4.00	0.37					
5	35-39	Former	250.00	23.08			7.71	21.00	8.40
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	284.00	29.19	22.00	7.24			
5	40-44	Current MRTP	14.00	1.44					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	263.00	27.03			12.21	10.00	3.80
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	22.00	8.37			
5	45-49	Current MRTP	15.00	1.75					
5	45-49	Current Dual	9.00	1.05					
5	45-49	Former	288.00	33.53			13.74	10.00	3.47
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	195.00	30.95	20.00	9.39			
5	50-54	Current MRTP	11.00	1.75					
5	50-54	Current Dual	7.00	1.11					
5	50-54	Former	225.00	35.71			17.63	6.00	2.67
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	142.00	27.10	21.00	13.38			
5	55-59	Current MRTP	9.00	1.72					
5	55-59	Current Dual	6.00	1.15					
5	55-59	Former	212.00	40.46			16.74	14.00	6.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	116.00	22.52	22.00	16.30			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	239.00	46.41			18.95	8.00	3.35
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	115.00	23.00	19.00	14.84			
5	65-69	Current MRTP	8.00	1.60					
5	65-69	Current Dual	5.00	1.00					
5	65-69	Former	252.00	50.40			21.88	11.00	4.37
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_12_Vary_starting_restarting_rates.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	29.00	30.53			
5	70-74	Current MRTP	15.00	3.35					
5	70-74	Current Dual	4.00	0.89					
5	70-74	Former	247.00	55.13			22.44	9.00	3.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	71.00	19.78	24.00	27.59			
5	75-79	Current MRTP	11.00	3.06					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	204.00	56.82			23.36	10.00	4.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2310.00	24.64	374.00	13.18			
10	All Ages	Current MRTP	323.00	3.45					
10	All Ages	Current Dual	205.00	2.19					
10	All Ages	Former	2464.00	26.28			17.00	171.00	6.94

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	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	241.00	26.34	7.00	2.30			
10	25-29	Current MRTP	28.00	3.06					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	58.00	6.34			4.74	17.00	29.31

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	254.00	26.51	14.00	4.38			
10	30-34	Current MRTP	42.00	4.38					
10	30-34	Current Dual	24.00	2.51					
10	30-34	Former	139.00	14.51			7.81	15.00	10.79

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	319.00	29.70	29.00	7.88			
10	35-39	Current MRTP	35.00	3.26					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	218.00	20.30			9.86	14.00	6.42

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	291.00	26.87	41.00	12.39			
10	40-44	Current MRTP	29.00	2.68					
10	40-44	Current Dual	11.00	1.02					
10	40-44	Former	274.00	25.30			10.68	25.00	9.12

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	406.00	41.73					
10	45-49	Current CC	258.00	26.52	31.00	10.73			
10	45-49	Current MRTP	22.00	2.26					
10	45-49	Current Dual	9.00	0.92					
10	45-49	Former	278.00	28.57			15.72	15.00	5.40

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_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	213.00	24.80	53.00	20.00			
10	50-54	Current MRTP	33.00	3.84					
10	50-54	Current Dual	19.00	2.21					
10	50-54	Former	286.00	33.29			16.74	8.00	2.80
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	192.00	30.48					
10	55-59	Current CC	166.00	26.35	37.00	18.50			
10	55-59	Current MRTP	25.00	3.97					
10	55-59	Current Dual	9.00	1.43					
10	55-59	Former	238.00	37.78			20.06	8.00	3.36
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	123.00	23.47	29.00	20.14			
10	60-64	Current MRTP	15.00	2.86					
10	60-64	Current Dual	6.00	1.15					
10	60-64	Former	225.00	42.94			19.31	13.00	5.78
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	37.00	27.61			
10	65-69	Current MRTP	19.00	3.69					
10	65-69	Current Dual	11.00	2.14					
10	65-69	Former	240.00	46.60			21.45	15.00	6.25
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	108.00	21.60	46.00	34.33			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	12.00	2.40					
10	70-74	Former	246.00	49.20			24.00	19.00	7.72
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	64.00	14.29	50.00	49.50			
10	75-79	Current MRTP	25.00	5.58					
10	75-79	Current Dual	12.00	2.68					
10	75-79	Former	241.00	53.79			25.26	13.00	5.39
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2032.00	22.76	439.00	16.41			
15	All Ages	Current MRTP	420.00	4.70					
15	All Ages	Current Dual	223.00	2.50					
15	All Ages	Former	2384.00	26.71			18.20	156.00	6.54
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	3.00	1.05			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	53.00	5.92					
15	25-29	Former	45.00	5.02			4.24	10.00	22.22
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 21 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	221.00	24.15	14.00	4.61			
15	30-34	Current MRTP	42.00	4.59					
15	30-34	Current Dual	41.00	4.48					
15	30-34	Former	86.00	9.40			6.64	16.00	18.60
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	231.00	24.11	29.00	9.35			
15	35-39	Current MRTP	48.00	5.01					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	158.00	16.49			10.53	15.00	9.49
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	279.00	25.98	36.00	10.78			
15	40-44	Current MRTP	42.00	3.91					
15	40-44	Current Dual	13.00	1.21					
15	40-44	Former	252.00	23.46			12.39	16.00	6.35
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	265.00	24.47	63.00	19.21			
15	45-49	Current MRTP	47.00	4.34					
15	45-49	Current Dual	16.00	1.48					
15	45-49	Former	277.00	25.58			14.42	13.00	4.69
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	218.00	22.40	41.00	15.53			
15	50-54	Current MRTP	32.00	3.29					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	303.00	31.14			18.06	15.00	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	308.00	35.86					
15	55-59	Current CC	186.00	21.65	58.00	23.77			
15	55-59	Current MRTP	42.00	4.89					
15	55-59	Current Dual	16.00	1.86					
15	55-59	Former	307.00	35.74			19.20	21.00	6.84
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	155.00	24.60	49.00	24.75			
15	60-64	Current MRTP	34.00	5.40					
15	60-64	Current Dual	9.00	1.43					
15	60-64	Former	240.00	38.10			22.33	15.00	6.25
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	112.00	21.37	40.00	28.17			
15	65-69	Current MRTP	21.00	4.01					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	227.00	43.32			22.03	11.00	4.85
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	49.00	36.57			
15	70-74	Current MRTP	31.00	6.02					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	240.00	46.60			24.25	10.00	4.17
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	95.00	19.00	57.00	43.51			
15	75-79	Current MRTP	23.00	4.60					
15	75-79	Current Dual	13.00	2.60					
15	75-79	Former	249.00	49.80			25.29	14.00	5.62
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	3720.00	44.14					
20	All Ages	Current CC	1698.00	20.15	501.00	20.71			

Results for PHIM for Run 21 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	491.00	5.83					
20	All Ages	Current Dual	230.00	2.73					
20	All Ages	Former	2288.00	27.15			18.77	160.00	6.99
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	163.00	18.19	11.00	4.01			
20	30-34	Current MRTP	59.00	6.58					
20	30-34	Current Dual	52.00	5.80					
20	30-34	Former	75.00	8.37			6.12	15.00	20.00
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	193.00	21.09	19.00	6.55			
20	35-39	Current MRTP	54.00	5.90					
20	35-39	Current Dual	43.00	4.70					
20	35-39	Former	110.00	12.02			8.45	16.00	14.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	205.00	21.40	33.00	11.34			
20	40-44	Current MRTP	55.00	5.74					
20	40-44	Current Dual	31.00	3.24					
20	40-44	Former	177.00	18.48			13.23	10.00	5.65
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	253.00	23.56	43.00	13.78			
20	45-49	Current MRTP	48.00	4.47					
20	45-49	Current Dual	11.00	1.02					
20	45-49	Former	274.00	25.51			15.14	19.00	6.93
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	231.00	21.33	74.00	24.34			
20	50-54	Current MRTP	54.00	4.99					
20	50-54	Current Dual	19.00	1.75					
20	50-54	Former	301.00	27.79			16.61	16.00	5.32
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	189.00	19.42	57.00	22.53			
20	55-59	Current MRTP	46.00	4.73					
20	55-59	Current Dual	18.00	1.85					
20	55-59	Former	314.00	32.27			20.14	18.00	5.73
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	166.00	19.32	67.00	29.00			
20	60-64	Current MRTP	48.00	5.59					

Results for PHIM for Run 21 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	320.00	37.25			20.93	18.00	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	192.00	30.48					
20	65-69	Current CC	123.00	19.52	67.00	36.02			
20	65-69	Current MRTP	49.00	7.78					
20	65-69	Current Dual	14.00	2.22					
20	65-69	Former	252.00	40.00			22.68	21.00	8.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	99.00	18.89	60.00	41.67			
20	70-74	Current MRTP	36.00	6.87					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	225.00	42.94			24.28	12.00	5.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	76.00	14.76	70.00	52.24			
20	75-79	Current MRTP	42.00	8.16					
20	75-79	Current Dual	16.00	3.11					
20	75-79	Former	240.00	46.60			24.42	15.00	6.25

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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	124123.239	9.345	0.003	0.008	4845.61	1920.39	1920.24	0.145
1992	308577	122143.718	122060.114	83.605	0.027	0.068	4692.62	1857.47	1856.20	1.271
1993	311713	123269.216	123054.232	214.984	0.069	0.174	4656.77	1841.55	1838.34	3.212
1994	305700	120480.723	120171.846	308.877	0.101	0.256	4482.57	1766.64	1762.11	4.529
1995	303225	118666.569	118196.105	470.464	0.155	0.396	4361.58	1706.89	1700.13	6.767
1996	299559	116607.195	116036.925	570.270	0.190	0.489	4242.85	1651.58	1643.51	8.077
1997	294226	114665.051	114030.502	634.550	0.216	0.553	4100.64	1598.09	1589.25	8.844
1998	289258	113038.380	112285.046	753.334	0.260	0.666	3966.28	1549.97	1539.64	10.330
1999	311002	117067.463	115975.773	1091.690	0.351	0.933	4198.14	1580.27	1565.53	14.736
2000	303786	114977.407	113773.960	1203.448	0.396	1.047	4041.13	1529.49	1513.48	16.009
2001	296294	113047.319	111780.530	1266.789	0.428	1.121	3890.54	1484.39	1467.75	16.634
2002	291898	111744.742	110347.111	1397.631	0.479	1.251	3789.34	1450.64	1432.50	18.144
2003	285865	110551.854	109007.361	1544.493	0.540	1.397	3671.31	1419.80	1399.96	19.836
2004	274177	107418.262	105808.324	1609.938	0.587	1.499	3481.92	1364.16	1343.72	20.445
2005	272379	107678.770	105937.239	1741.531	0.639	1.617	3417.44	1351.01	1329.16	21.850
2006	264118	104357.806	102582.950	1774.856	0.672	1.701	3281.83	1296.71	1274.66	22.054
2007	258419	102690.449	100810.984	1879.465	0.727	1.830	3176.05	1262.10	1239.00	23.099
2008	259461	103492.166	101255.740	2236.426	0.862	2.161	3150.91	1256.82	1229.66	27.159
2009	253907	101384.044	98878.783	2505.261	0.987	2.471	3045.20	1215.94	1185.89	30.047

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	2251946.724	21296.96	0.366	0.937	3927.78	1535.76	1521.37	14.388

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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_12_Vary_starting_restarting_rates.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	63063.680	5.106	0.007	0.008	1213.84	975.702	975.623	0.079
1992	77987	62535.347	62514.137	21.210	0.027	0.034	1185.97	950.993	950.671	0.323
1993	78542	62883.111	62837.652	45.459	0.058	0.072	1173.36	939.428	938.749	0.679
1994	77437	61805.804	61739.166	66.638	0.086	0.108	1135.48	906.276	905.299	0.977
1995	76904	61145.799	61043.227	102.573	0.133	0.168	1106.18	879.519	878.043	1.475
1996	76232	60385.323	60264.938	120.384	0.158	0.199	1079.72	855.277	853.572	1.705
1997	75473	59549.806	59433.762	116.043	0.154	0.195	1051.87	829.947	828.330	1.617
1998	75381	59292.315	59123.434	168.881	0.224	0.285	1033.62	813.010	810.694	2.316
1999	73159	57398.351	57172.964	225.387	0.308	0.393	987.557	774.807	771.765	3.042
2000	73784	57716.549	57437.745	278.804	0.378	0.483	981.515	767.777	764.068	3.709
2001	73294	57211.877	56911.845	300.033	0.409	0.524	962.399	751.230	747.290	3.940
2002	72442	56438.810	56107.972	330.838	0.457	0.586	940.422	732.673	728.379	4.295
2003	71942	55948.341	55613.888	334.453	0.465	0.598	923.937	718.533	714.238	4.295
2004	71301	55339.218	54977.671	361.547	0.507	0.653	905.490	702.783	698.191	4.591
2005	70964	54964.459	54594.927	369.533	0.521	0.672	890.360	689.620	684.983	4.636
2006	69658	53781.526	53421.128	360.398	0.517	0.670	865.543	668.268	663.790	4.478
2007	68565	52784.985	52418.642	366.342	0.534	0.694	842.687	648.745	644.242	4.502
2008	68226	52470.692	52003.948	466.745	0.684	0.890	828.542	637.208	631.540	5.668
2009	67509	51823.021	51296.116	526.905	0.780	1.017	809.661	621.533	615.214	6.319

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	1476084	1159988.529	1155421.248	4567.280	0.309	0.394	997.213	783.665	780.580	3.086

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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	37063.392	3.992	0.002	0.011	2599.72	573.449	573.387	0.062
1992	164548	35863.851	35816.897	46.955	0.029	0.131	2502.33	545.392	544.678	0.714
1993	164362	35459.800	35332.429	127.371	0.077	0.359	2455.45	529.744	527.841	1.903
1994	159866	34293.631	34117.024	176.607	0.110	0.515	2344.16	502.857	500.268	2.590
1995	158083	33531.695	33270.143	261.552	0.165	0.780	2273.86	482.318	478.556	3.762
1996	154875	32438.163	32118.100	320.063	0.207	0.987	2193.60	459.443	454.910	4.533
1997	149970	31179.663	30806.079	373.584	0.249	1.198	2090.14	434.552	429.345	5.207
1998	145407	29860.736	29465.332	395.404	0.272	1.324	1993.81	409.447	404.026	5.422
1999	165952	34413.904	33825.099	588.805	0.355	1.711	2240.15	464.545	456.597	7.948
2000	160260	33265.290	32656.637	608.653	0.380	1.830	2131.87	442.513	434.416	8.097
2001	154444	32074.102	31433.965	640.137	0.414	1.996	2027.95	421.154	412.749	8.405
2002	151887	31817.956	31110.970	706.986	0.465	2.222	1971.76	413.052	403.874	9.178
2003	146733	31025.931	30191.107	834.824	0.569	2.691	1884.46	398.460	387.738	10.721
2004	138381	29503.602	28632.199	871.403	0.630	2.954	1757.38	374.682	363.616	11.066
2005	135881	29077.894	28119.887	958.007	0.705	3.295	1704.85	364.830	352.810	12.020
2006	131922	28385.448	27364.103	1021.344	0.774	3.598	1639.21	352.707	340.016	12.691
2007	126502	27327.625	26221.633	1105.992	0.874	4.047	1554.75	335.866	322.273	13.593
2008	125859	27025.472	25785.240	1240.232	0.985	4.589	1528.44	328.199	313.138	15.061
2009	122428	26361.626	24967.542	1394.084	1.139	5.288	1468.33	316.165	299.445	16.720

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	2996888	638356.673	626680.678	11676.00	0.390	1.829	2024.64	431.261	423.373	7.888

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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_12_Vary_starting_restarting_rates.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	4489.156	-1.174	-0.004	-0.026	504.630	69.431	69.449	-0.018
1992	32100	4371.196	4365.377	5.819	0.018	0.133	488.154	66.474	66.386	0.088
1993	32896	4414.136	4393.572	20.564	0.063	0.466	491.442	65.944	65.637	0.307
1994	33323	4474.895	4441.433	33.462	0.100	0.748	488.625	65.617	65.126	0.491
1995	33569	4476.290	4423.926	52.364	0.156	1.170	482.855	64.387	63.634	0.753
1996	33870	4489.078	4421.163	67.915	0.201	1.513	479.723	63.582	62.620	0.962
1997	33516	4444.866	4354.110	90.756	0.271	2.042	467.113	61.948	60.683	1.265
1998	32795	4313.427	4228.736	84.691	0.258	1.963	449.682	59.145	57.984	1.161
1999	33375	4232.739	4127.680	105.058	0.315	2.482	450.521	57.137	55.719	1.418
2000	33459	4307.577	4207.923	99.654	0.298	2.313	445.090	57.302	55.976	1.326
2001	32275	4136.308	4043.995	92.313	0.286	2.232	423.792	54.312	53.100	1.212
2002	31586	4079.175	3987.719	91.456	0.290	2.242	410.041	52.955	51.767	1.187
2003	30985	4096.221	3970.446	125.775	0.406	3.071	397.934	52.607	50.992	1.615
2004	29884	4034.217	3904.137	130.080	0.435	3.224	379.513	51.233	49.581	1.652
2005	28708	3944.303	3804.691	139.611	0.486	3.540	360.189	49.488	47.736	1.752
2006	28188	3970.169	3810.030	160.139	0.568	4.034	350.253	49.332	47.342	1.990
2007	28026	3957.558	3772.639	184.918	0.660	4.673	344.449	48.640	46.367	2.273
2008	27128	3812.302	3623.518	188.783	0.696	4.952	329.444	46.297	44.004	2.293
2009	27068	3827.467	3600.767	226.700	0.838	5.923	324.637	45.904	43.185	2.719

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	82558.616	1898.887	0.302	2.248	424.421	57.058	55.775	1.283

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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	19507.010	1.421	0.004	0.007	527.418	301.804	301.782	0.022
1992	33942	19373.324	19363.702	9.621	0.028	0.050	516.166	294.616	294.469	0.146
1993	35913	20512.169	20490.579	21.590	0.060	0.105	536.514	306.437	306.114	0.323
1994	35074	19906.392	19874.223	32.170	0.092	0.162	514.300	291.893	291.421	0.472
1995	34669	19512.784	19458.809	53.976	0.156	0.277	498.677	280.671	279.895	0.776
1996	34582	19294.631	19232.724	61.907	0.179	0.321	489.808	273.283	272.406	0.877
1997	35267	19490.717	19436.550	54.167	0.154	0.278	491.517	271.643	270.888	0.755
1998	35675	19571.902	19467.545	104.357	0.293	0.533	489.172	268.368	266.937	1.431
1999	38516	21022.469	20850.029	172.440	0.448	0.820	519.919	283.777	281.450	2.328
2000	36283	19687.992	19471.655	216.337	0.596	1.099	482.656	261.900	259.023	2.878
2001	36281	19625.032	19390.726	234.306	0.646	1.194	476.394	257.690	254.613	3.077
2002	35983	19408.801	19140.450	268.351	0.746	1.383	467.122	251.960	248.476	3.484
2003	36205	19481.360	19231.919	249.441	0.689	1.280	464.974	250.195	246.992	3.204
2004	34611	18541.224	18294.317	246.907	0.713	1.332	439.544	235.465	232.330	3.136
2005	36826	19692.114	19417.734	274.380	0.745	1.393	462.043	247.070	243.627	3.443
2006	34350	18220.663	17987.689	232.974	0.678	1.279	426.820	226.403	223.508	2.895
2007	35326	18620.282	18398.069	222.212	0.629	1.193	434.168	228.849	226.118	2.731
2008	38248	20183.701	19843.035	340.666	0.891	1.688	464.487	245.112	240.975	4.137
2009	36902	19371.930	19014.358	357.572	0.969	1.846	442.580	232.335	228.047	4.289

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	387286.181	3154.793	0.443	0.808	481.512	263.774	261.643	2.131

Results for PHIM for Run 22 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 22

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA3
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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		SET2RA3

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000216	0.000072	0.000072
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000648	0.000216	0.000216
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000864	0.000288	0.000288
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000864	0.000288	0.000288
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001080	0.000360	0.000360
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001080	0.000360	0.000360
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.001296	0.000432	0.000432
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001512	0.000504	0.000504
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001728	0.000576	0.000576
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000144	0.000144	0.000072
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000432	0.000432	0.000216
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000576	0.000576	0.000288
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000576	0.000288
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000720	0.000360
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000720	0.000360
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000864	0.000432
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.001008	0.000504
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.001152	0.000576

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

Results for PHIM for Run 22 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2050.00	22.58	184.00	8.10			
5	All Ages	Current MRTP	136.00	1.50					
5	All Ages	Current Dual	85.00	0.94					
5	All Ages	Former	1923.00	21.18			14.57	114.00	5.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 22 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	5.00	1.92			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	26.00	3.08			2.77	9.00	34.62
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	208.00	25.03	13.00	5.56			
5	25-29	Current MRTP	15.00	1.81					
5	25-29	Current Dual	11.00	1.32					
5	25-29	Former	134.00	16.13			5.43	12.00	8.96
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	282.00	28.23	19.00	6.29			
5	30-34	Current MRTP	8.00	0.80					
5	30-34	Current Dual	12.00	1.20					
5	30-34	Former	175.00	17.52			7.82	11.00	6.29
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	304.00	27.09	14.00	4.26			
5	35-39	Current MRTP	17.00	1.52					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	232.00	20.68			8.41	17.00	7.33
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	215.00	22.16	15.00	6.61			
5	40-44	Current MRTP	11.00	1.13					
5	40-44	Current Dual	1.00	0.10					
5	40-44	Former	246.00	25.36			11.69	13.00	5.28
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	174.00	21.45	14.00	7.37			
5	45-49	Current MRTP	11.00	1.36					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	199.00	24.54			11.11	15.00	7.54
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	17.00	10.63			
5	50-54	Current MRTP	8.00	1.29					
5	50-54	Current Dual	5.00	0.81					
5	50-54	Former	160.00	25.76			15.20	12.00	7.50
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	122.00	22.80	10.00	7.58			
5	55-59	Current MRTP	6.00	1.12					
5	55-59	Current Dual	4.00	0.75					
5	55-59	Former	151.00	28.22			15.25	4.00	2.65
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	102.00	20.90	10.00	9.09			
5	60-64	Current MRTP	6.00	1.23					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	128.00	26.23			21.19	4.00	3.13
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	111.00	20.71	24.00	19.35			
5	65-69	Current MRTP	10.00	1.87					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	152.00	28.36			21.12	6.00	3.95
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	77.00	14.29	20.00	22.22			
5	70-74	Current MRTP	9.00	1.67					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	169.00	31.35			23.99	7.00	4.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	54.00	11.11	23.00	33.33			
5	75-79	Current MRTP	9.00	1.85					
5	75-79	Current Dual	6.00	1.23					
5	75-79	Former	150.00	30.86			27.37	3.00	2.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1897.00	20.83	287.00	12.47			
10	All Ages	Current MRTP	264.00	2.90					
10	All Ages	Current Dual	140.00	1.54					
10	All Ages	Former	1910.00	20.97			15.82	121.00	6.34

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	212.00	25.12	10.00	3.65			
10	25-29	Current MRTP	35.00	4.15					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	47.00	5.57			4.57	12.00	25.53

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	189.00	22.74	18.00	7.69			
10	30-34	Current MRTP	28.00	3.37					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	156.00	18.77			8.79	12.00	7.69

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	259.00	25.93	37.00	12.13			
10	35-39	Current MRTP	25.00	2.50					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	184.00	18.42			11.04	9.00	4.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	265.00	23.62	31.00	10.33			
10	40-44	Current MRTP	26.00	2.32					
10	40-44	Current Dual	9.00	0.80					
10	40-44	Former	261.00	23.26			11.21	20.00	7.66

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	184.00	18.97	30.00	13.82			
10	45-49	Current MRTP	26.00	2.68					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	256.00	26.39			15.05	10.00	3.91

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

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

Results for PHIM for Run 22 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	161.00	19.85	28.00	15.22			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	205.00	25.28			14.60	8.00	3.90
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	128.00	20.61	25.00	16.45			
10	55-59	Current MRTP	20.00	3.22					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	168.00	27.05			17.90	7.00	4.17
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	108.00	20.19	17.00	13.60			
10	60-64	Current MRTP	14.00	2.62					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	158.00	29.53			17.87	10.00	6.33
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	90.00	18.44	16.00	15.53			
10	65-69	Current MRTP	9.00	1.84					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	135.00	27.66			23.13	5.00	3.70
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	92.00	17.16	34.00	29.06			
10	70-74	Current MRTP	18.00	3.36					
10	70-74	Current Dual	7.00	1.31					
10	70-74	Former	159.00	29.66			22.91	10.00	6.29
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	72.00	13.36	41.00	42.27			
10	75-79	Current MRTP	17.00	3.15					
10	75-79	Current Dual	8.00	1.48					
10	75-79	Former	162.00	30.06			25.83	12.00	7.41
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1599.00	18.66	368.00	17.20			
15	All Ages	Current MRTP	354.00	4.13					
15	All Ages	Current Dual	186.00	2.17					
15	All Ages	Former	1908.00	22.26			16.58	142.00	7.44
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	3.00	1.30			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	40.00	4.92					
15	25-29	Former	37.00	4.55			4.00	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 22 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	191.00	22.63	13.00	4.69			
15	30-34	Current MRTP	55.00	6.52					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	77.00	9.12			6.13	17.00	22.08
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	162.00	19.49	31.00	14.29			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	180.00	21.66			11.46	13.00	7.22
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	225.00	22.52	53.00	18.09			
15	40-44	Current MRTP	42.00	4.20					
15	40-44	Current Dual	26.00	2.60					
15	40-44	Former	196.00	19.62			13.69	10.00	5.10
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	233.00	20.77	41.00	14.39			
15	45-49	Current MRTP	39.00	3.48					
15	45-49	Current Dual	13.00	1.16					
15	45-49	Former	276.00	24.60			14.50	15.00	5.43
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	497.00	51.24					
15	50-54	Current CC	157.00	16.19	48.00	23.41			
15	50-54	Current MRTP	34.00	3.51					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	268.00	27.63			17.25	13.00	4.85
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	141.00	17.39	43.00	24.29			
15	55-59	Current MRTP	23.00	2.84					
15	55-59	Current Dual	13.00	1.60					
15	55-59	Former	212.00	26.14			17.47	12.00	5.66
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	103.00	16.59	35.00	25.18			
15	60-64	Current MRTP	25.00	4.03					
15	60-64	Current Dual	11.00	1.77					
15	60-64	Former	181.00	29.15			19.49	9.00	4.97
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	97.00	18.13	32.00	26.89			
15	65-69	Current MRTP	16.00	2.99					
15	65-69	Current Dual	6.00	1.12					
15	65-69	Former	164.00	30.65			19.59	10.00	6.10
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	71.00	14.55	26.00	28.57			
15	70-74	Current MRTP	17.00	3.48					
15	70-74	Current Dual	3.00	0.61					
15	70-74	Former	147.00	30.12			22.50	13.00	8.84
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	75.00	13.99	43.00	40.57			
15	75-79	Current MRTP	20.00	3.73					
15	75-79	Current Dual	11.00	2.05					
15	75-79	Former	170.00	31.72			22.92	16.00	9.41
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1353.00	16.84	413.00	21.44			

Results for PHIM for Run 22 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	377.00	4.69					
20	All Ages	Current Dual	196.00	2.44					
20	All Ages	Former	1882.00	23.43			17.93	130.00	6.91
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	139.00	17.10	6.00	2.61			
20	30-34	Current MRTP	51.00	6.27					
20	30-34	Current Dual	40.00	4.92					
20	30-34	Former	62.00	7.63			5.61	13.00	20.97
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	165.00	19.55	20.00	7.63			
20	35-39	Current MRTP	62.00	7.35					
20	35-39	Current Dual	35.00	4.15					
20	35-39	Former	104.00	12.32			7.94	18.00	17.31
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	142.00	17.09	37.00	18.59			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	198.00	23.83			14.53	6.00	3.03
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	205.00	20.52	59.00	21.53			
20	45-49	Current MRTP	40.00	4.00					
20	45-49	Current Dual	29.00	2.90					
20	45-49	Former	215.00	21.52			16.23	11.00	5.12
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	208.00	18.54	52.00	19.55			
20	50-54	Current MRTP	42.00	3.74					
20	50-54	Current Dual	16.00	1.43					
20	50-54	Former	295.00	26.29			17.30	16.00	5.42
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	497.00	51.24					
20	55-59	Current CC	134.00	13.81	59.00	30.89			
20	55-59	Current MRTP	42.00	4.33					
20	55-59	Current Dual	15.00	1.55					
20	55-59	Former	282.00	29.07			19.40	16.00	5.67
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	121.00	14.92	62.00	35.43			
20	60-64	Current MRTP	35.00	4.32					

Results for PHIM for Run 22 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	19.00	2.34					
20	60-64	Former	214.00	26.39			20.21	13.00	6.07

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	90.00	14.49	39.00	30.47			
20	65-69	Current MRTP	27.00	4.35					
20	65-69	Current Dual	11.00	1.77					
20	65-69	Former	192.00	30.92			21.69	11.00	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	252.00	47.10					
20	70-74	Current CC	84.00	15.70	39.00	35.14			
20	70-74	Current MRTP	20.00	3.74					
20	70-74	Current Dual	7.00	1.31					
20	70-74	Former	172.00	32.15			21.73	13.00	7.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	65.00	13.32	40.00	44.44			
20	75-79	Current MRTP	18.00	3.69					
20	75-79	Current Dual	7.00	1.43					
20	75-79	Former	148.00	30.33			22.97	13.00	8.78

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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	59146.296	-18.434	-0.009	-0.031	2826.86	839.248	839.509	-0.262
1992	198532	60226.142	60273.071	-46.929	-0.024	-0.078	2778.64	842.922	843.579	-0.657
1993	202512	62332.320	62386.874	-54.554	-0.027	-0.088	2793.47	859.818	860.570	-0.753
1994	200658	62691.239	62778.233	-86.994	-0.043	-0.139	2725.82	851.622	852.804	-1.182
1995	201023	63132.954	63239.507	-106.553	-0.053	-0.169	2687.54	844.043	845.468	-1.425
1996	201180	64309.880	64529.478	-219.598	-0.109	-0.341	2653.67	848.280	851.177	-2.897
1997	198639	64547.894	64791.737	-243.844	-0.123	-0.378	2583.39	839.475	842.646	-3.171
1998	197573	65384.866	65576.531	-191.665	-0.097	-0.293	2533.29	838.367	840.824	-2.458
1999	211329	67554.762	67702.257	-147.495	-0.070	-0.218	2673.14	854.513	856.379	-1.866
2000	208496	68184.366	68242.547	-58.181	-0.028	-0.085	2604.20	851.652	852.378	-0.727
2001	203606	68286.060	68196.182	89.878	0.044	0.132	2514.65	843.372	842.262	1.110
2002	200828	68983.996	68871.565	112.431	0.056	0.163	2455.47	843.450	842.076	1.375
2003	196352	68717.830	68416.110	301.720	0.154	0.439	2377.49	832.057	828.404	3.653
2004	188160	67344.952	66773.787	571.164	0.304	0.848	2254.66	806.974	800.129	6.844
2005	186416	67846.650	67039.515	807.135	0.433	1.190	2208.07	803.634	794.073	9.560
2006	180088	66622.465	65338.075	1284.390	0.713	1.928	2113.55	781.893	766.820	15.074
2007	175644	65977.201	64489.167	1488.034	0.847	2.255	2039.92	766.256	748.974	17.282
2008	177570	67121.344	65416.237	1705.107	0.960	2.540	2039.03	770.751	751.171	19.580
2009	172806	66622.993	64587.942	2035.051	1.178	3.055	1961.22	756.123	733.026	23.096

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	1295095.702	7220.662	0.185	0.554	2465.77	823.300	818.735	4.565

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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_12_Vary_starting_restarting_rates.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	31532.902	-2.883	-0.007	-0.009	620.154	447.530	447.571	-0.041
1992	45423	32811.446	32823.833	-12.386	-0.027	-0.038	635.738	459.227	459.401	-0.173
1993	46291	33467.735	33484.783	-17.048	-0.037	-0.051	638.542	461.657	461.892	-0.235
1994	47017	33989.389	34020.146	-30.757	-0.065	-0.090	638.697	461.725	462.143	-0.418
1995	47840	34566.580	34607.145	-40.565	-0.085	-0.117	639.587	462.131	462.673	-0.542
1996	48244	34997.958	35080.482	-82.525	-0.171	-0.236	636.363	461.641	462.729	-1.089
1997	49035	35549.658	35641.694	-92.037	-0.188	-0.259	637.723	462.340	463.537	-1.197
1998	49686	36138.033	36219.760	-81.727	-0.164	-0.226	637.076	463.363	464.411	-1.048
1999	48883	35506.142	35584.379	-78.238	-0.160	-0.220	618.331	449.124	450.114	-0.990
2000	50331	36573.306	36627.901	-54.595	-0.108	-0.149	628.656	456.816	457.498	-0.682
2001	50389	36733.445	36756.138	-22.693	-0.045	-0.062	622.333	453.679	453.960	-0.280
2002	51445	37627.700	37638.101	-10.401	-0.020	-0.028	629.005	460.065	460.192	-0.127
2003	51408	37552.784	37502.845	49.939	0.097	0.133	622.464	454.701	454.096	0.605
2004	51399	37527.823	37398.832	128.991	0.251	0.344	615.898	449.684	448.139	1.546
2005	51421	37486.186	37294.700	191.486	0.372	0.511	609.074	444.018	441.750	2.268
2006	51355	37409.496	37044.274	365.222	0.711	0.976	602.712	439.045	434.758	4.286
2007	51839	37602.867	37165.392	437.475	0.844	1.163	602.056	436.718	431.637	5.081
2008	50976	36986.957	36498.913	488.044	0.957	1.320	585.355	424.719	419.115	5.604
2009	51193	37201.944	36583.367	618.577	1.208	1.663	581.003	422.215	415.195	7.020

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	710150.958	1753.881	0.179	0.246	619.890	450.053	448.944	1.109

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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	12674.456	-11.476	-0.012	-0.091	1368.32	179.735	179.898	-0.163
1992	93721	12337.995	12356.945	-18.950	-0.020	-0.154	1311.71	172.682	172.947	-0.265
1993	93679	12401.934	12418.183	-16.249	-0.017	-0.131	1292.22	171.073	171.298	-0.224
1994	90832	12128.576	12148.124	-19.548	-0.022	-0.161	1233.90	164.759	165.025	-0.266
1995	89698	11958.696	11981.466	-22.770	-0.025	-0.190	1199.20	159.879	160.184	-0.304
1996	88286	12020.749	12061.031	-40.282	-0.046	-0.335	1164.54	158.560	159.091	-0.531
1997	84777	11593.724	11632.775	-39.051	-0.046	-0.337	1102.56	150.782	151.290	-0.508
1998	82517	11337.035	11345.349	-8.315	-0.010	-0.073	1058.04	145.364	145.470	-0.107
1999	93939	13027.458	12988.353	39.104	0.042	0.300	1188.25	164.787	164.292	0.495
2000	90039	12607.547	12544.595	62.953	0.070	0.499	1124.63	157.474	156.687	0.786
2001	86119	12350.451	12203.482	146.969	0.171	1.190	1063.62	152.535	150.720	1.815
2002	83014	12112.097	11950.441	161.655	0.195	1.335	1014.99	148.092	146.115	1.977
2003	79302	11683.252	11459.478	223.774	0.282	1.915	960.214	141.465	138.755	2.710
2004	73861	11139.095	10812.149	326.946	0.443	2.935	885.053	133.476	129.559	3.918
2005	71649	10884.683	10480.978	403.705	0.563	3.709	848.672	128.927	124.146	4.782
2006	67551	10397.565	9873.640	523.924	0.776	5.039	792.791	122.028	115.879	6.149
2007	63503	9785.831	9195.392	590.439	0.930	6.034	737.521	113.652	106.795	6.857
2008	63171	9922.524	9261.387	661.137	1.047	6.663	725.389	113.940	106.348	7.592
2009	59747	9483.598	8750.151	733.446	1.228	7.734	678.085	107.632	99.308	8.324

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	228785.137	3697.412	0.224	1.590	1043.56	146.971	144.634	2.337

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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_12_Vary_starting_restarting_rates.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	3118.911	-2.896	-0.009	-0.093	461.369	44.228	44.269	-0.041
1992	32560	3095.448	3102.310	-6.862	-0.021	-0.222	455.708	43.324	43.420	-0.096
1993	32768	3114.516	3120.930	-6.414	-0.020	-0.206	452.005	42.962	43.050	-0.088
1994	33005	3168.398	3177.009	-8.610	-0.026	-0.272	448.353	43.041	43.158	-0.117
1995	33730	3200.274	3208.592	-8.317	-0.025	-0.260	450.946	42.785	42.897	-0.111
1996	33750	3234.738	3246.172	-11.434	-0.034	-0.353	445.180	42.668	42.819	-0.151
1997	33699	3240.665	3260.119	-19.454	-0.058	-0.600	438.271	42.146	42.399	-0.253
1998	33274	3171.578	3181.481	-9.904	-0.030	-0.312	426.640	40.666	40.793	-0.127
1999	33891	3153.786	3149.203	4.584	0.014	0.145	428.694	39.893	39.835	0.058
2000	33827	3237.043	3213.565	23.478	0.069	0.725	422.514	40.432	40.139	0.293
2001	32506	3110.972	3060.663	50.308	0.155	1.617	401.468	38.422	37.801	0.621
2002	32078	3123.298	3063.825	59.472	0.185	1.904	392.210	38.188	37.461	0.727
2003	30568	3025.984	2945.548	80.436	0.263	2.658	370.127	36.640	35.666	0.974
2004	29388	2983.453	2864.373	119.080	0.405	3.991	352.147	35.750	34.323	1.427
2005	27954	2926.679	2780.999	145.680	0.521	4.978	331.111	34.666	32.941	1.726
2006	27201	2889.308	2710.263	179.045	0.658	6.197	319.236	33.909	31.808	2.101
2007	26302	2810.025	2607.825	202.200	0.769	7.196	305.470	32.636	30.287	2.348
2008	25998	2773.025	2556.666	216.359	0.832	7.802	298.534	31.843	29.358	2.484
2009	25040	2723.293	2478.051	245.242	0.979	9.005	284.186	30.907	28.124	2.783

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	60039.748	1251.995	0.201	2.043	394.195	38.747	37.956	0.791

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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	11820.027	-1.180	-0.004	-0.010	377.015	167.754	167.771	-0.017
1992	26828	11981.252	11989.983	-8.731	-0.033	-0.073	375.483	167.689	167.811	-0.122
1993	29774	13348.134	13362.978	-14.844	-0.050	-0.111	410.705	184.125	184.330	-0.205
1994	29804	13404.876	13432.954	-28.078	-0.094	-0.209	404.869	182.097	182.478	-0.381
1995	29755	13407.404	13442.305	-34.900	-0.117	-0.260	397.803	179.248	179.714	-0.467
1996	30900	14056.435	14141.793	-85.358	-0.276	-0.607	407.587	185.412	186.537	-1.126
1997	31128	14163.848	14257.150	-93.302	-0.300	-0.659	404.834	184.207	185.421	-1.213
1998	32096	14738.220	14829.940	-91.720	-0.286	-0.622	411.536	188.974	190.150	-1.176
1999	34616	15867.376	15980.321	-112.945	-0.326	-0.712	437.865	200.710	202.138	-1.429
2000	34299	15766.470	15856.487	-90.017	-0.262	-0.571	428.409	196.930	198.054	-1.124
2001	34592	16091.193	16175.898	-84.705	-0.245	-0.526	427.231	198.736	199.782	-1.046
2002	34291	16120.902	16219.197	-98.295	-0.287	-0.610	419.268	197.106	198.308	-1.202
2003	35074	16455.810	16508.240	-52.429	-0.149	-0.319	424.687	199.252	199.887	-0.635
2004	33512	15694.580	15698.433	-3.853	-0.011	-0.025	401.564	188.063	188.109	-0.046
2005	35392	16549.102	16482.838	66.264	0.187	0.400	419.213	196.022	195.237	0.785
2006	33981	15926.096	15709.898	216.198	0.636	1.358	398.807	186.912	184.374	2.537
2007	34000	15778.477	15520.558	257.919	0.759	1.635	394.875	183.251	180.255	2.995
2008	37425	17438.838	17099.272	339.566	0.907	1.947	429.749	200.249	196.350	3.899
2009	36826	17214.158	16776.373	437.785	1.189	2.543	417.948	195.368	190.400	4.969

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	296119.860	517.373	0.080	0.174	408.132	187.528	187.201	0.327

Results for PHIM for Run 23 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA4
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.RTF)

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

****

STP values for Run: 23, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		SET2RA4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000288	0.000096	0.000096
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000864	0.000288	0.000288
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.001152	0.000384	0.000384
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001440	0.000480	0.000480
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001440	0.000480	0.000480
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.001728	0.000576	0.000576
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.002016	0.000672	0.000672
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.002304	0.000768	0.000768
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000192	0.000192	0.000096
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000576	0.000576	0.000288
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000768	0.000768	0.000384
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000960	0.000960	0.000480
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000960	0.000960	0.000480
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.001152	0.001152	0.000576
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001344	0.001344	0.000672
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001536	0.001536	0.000768

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

Results for PHIM for Run 23 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2524.00	27.50	287.00	10.17			
5	All Ages	Current MRTP	197.00	2.15					
5	All Ages	Current Dual	100.00	1.09					
5	All Ages	Former	2455.00	26.75			15.29	158.00	6.44

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

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

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

Results for PHIM for Run 23 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	3.00	1.13			
5	20-24	Current MRTP	16.00	1.75					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	30.00	3.28			2.97	8.00	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	535.00	55.85					
5	25-29	Current CC	280.00	29.23	9.00	2.88			
5	25-29	Current MRTP	24.00	2.51					
5	25-29	Current Dual	9.00	0.94					
5	25-29	Former	110.00	11.48			4.88	21.00	19.09
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	494.00	46.00					
5	30-34	Current CC	354.00	32.96	17.00	4.40			
5	30-34	Current MRTP	22.00	2.05					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	194.00	18.06			6.35	24.00	12.37
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	342.00	31.58	24.00	6.65			
5	35-39	Current MRTP	13.00	1.20					
5	35-39	Current Dual	6.00	0.55					
5	35-39	Former	244.00	22.53			7.73	21.00	8.61
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	406.00	41.73					
5	40-44	Current CC	286.00	29.39	28.00	9.03			
5	40-44	Current MRTP	18.00	1.85					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	257.00	26.41			12.23	9.00	3.50
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	242.00	28.17	28.00	10.41			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	6.00	0.70					
5	45-49	Former	282.00	32.83			13.59	12.00	4.26
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	197.00	31.27	26.00	11.87			
5	50-54	Current MRTP	15.00	2.38					
5	50-54	Current Dual	7.00	1.11					
5	50-54	Former	219.00	34.76			17.17	7.00	3.20
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	145.00	27.67	30.00	18.07			
5	55-59	Current MRTP	15.00	2.86					
5	55-59	Current Dual	6.00	1.15					
5	55-59	Former	203.00	38.74			16.89	14.00	6.90
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	141.00	27.38					
5	60-64	Current CC	122.00	23.69	32.00	22.07			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	11.00	2.14					
5	60-64	Former	229.00	44.47			18.96	8.00	3.49
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	118.00	23.60	24.00	18.05			
5	65-69	Current MRTP	9.00	1.80					
5	65-69	Current Dual	6.00	1.20					
5	65-69	Former	247.00	49.40			21.70	12.00	4.86
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	83.00	18.53	38.00	36.54			
5	70-74	Current MRTP	14.00	3.13					
5	70-74	Current Dual	7.00	1.56					
5	70-74	Former	238.00	53.13			22.22	10.00	4.20
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	76.00	21.17	28.00	30.77			
5	75-79	Current MRTP	11.00	3.06					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	200.00	55.71			23.15	11.00	5.50
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2351.00	25.08	495.00	16.73			
10	All Ages	Current MRTP	379.00	4.04					
10	All Ages	Current Dual	229.00	2.44					
10	All Ages	Former	2343.00	24.99			16.67	177.00	7.55
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	243.00	26.56	7.00	2.30			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	58.00	6.34			4.74	17.00	29.31
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	254.00	26.51	21.00	6.42			
10	30-34	Current MRTP	44.00	4.59					
10	30-34	Current Dual	29.00	3.03					
10	30-34	Former	132.00	13.78			7.75	15.00	11.36
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	323.00	30.07	41.00	10.79			
10	35-39	Current MRTP	38.00	3.54					
10	35-39	Current Dual	19.00	1.77					
10	35-39	Former	206.00	19.18			9.74	15.00	7.28
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	298.00	27.52	54.00	15.70			
10	40-44	Current MRTP	30.00	2.77					
10	40-44	Current Dual	16.00	1.48					
10	40-44	Former	261.00	24.10			10.61	25.00	9.58
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	260.00	26.72	43.00	14.29			
10	45-49	Current MRTP	30.00	3.08					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	266.00	27.34			15.69	15.00	5.64
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 23 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	219.00	25.49	61.00	22.34			
10	50-54	Current MRTP	44.00	5.12					
10	50-54	Current Dual	10.00	1.16					
10	50-54	Former	278.00	32.36			16.53	9.00	3.24
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	47.00	22.38			
10	55-59	Current MRTP	26.00	4.13					
10	55-59	Current Dual	14.00	2.22					
10	55-59	Former	228.00	36.19			19.68	8.00	3.51
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	123.00	23.47	45.00	28.13			
10	60-64	Current MRTP	25.00	4.77					
10	60-64	Current Dual	12.00	2.29					
10	60-64	Former	209.00	39.89			18.95	13.00	6.22
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	110.00	21.36	54.00	35.76			
10	65-69	Current MRTP	26.00	5.05					
10	65-69	Current Dual	15.00	2.91					
10	65-69	Former	223.00	43.30			21.09	17.00	7.62
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	56.00	38.89			
10	70-74	Current MRTP	24.00	4.80					
10	70-74	Current Dual	11.00	2.20					
10	70-74	Former	236.00	47.20			23.21	20.00	8.47
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	73.00	16.29	66.00	56.41			
10	75-79	Current MRTP	29.00	6.47					
10	75-79	Current Dual	15.00	3.35					
10	75-79	Former	225.00	50.22			24.64	14.00	6.22
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2079.00	23.29	557.00	19.94			
15	All Ages	Current MRTP	472.00	5.29					
15	All Ages	Current Dual	242.00	2.71					
15	All Ages	Former	2266.00	25.38			17.53	176.00	7.77
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	176.00	19.64	5.00	1.74			
15	25-29	Current MRTP	59.00	6.58					
15	25-29	Current Dual	53.00	5.92					
15	25-29	Former	43.00	4.80			4.23	10.00	23.26
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	525.00	57.38					

Results for PHIM for Run 23 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	223.00	24.37	14.00	4.61			
15	30-34	Current MRTP	43.00	4.70					
15	30-34	Current Dual	38.00	4.15					
15	30-34	Former	86.00	9.40			6.64	16.00	18.60
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	231.00	24.11	34.00	10.79			
15	35-39	Current MRTP	53.00	5.53					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	153.00	15.97			10.16	16.00	10.46
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	283.00	26.35	50.00	14.37			
15	40-44	Current MRTP	46.00	4.28					
15	40-44	Current Dual	19.00	1.77					
15	40-44	Former	238.00	22.16			12.08	16.00	6.72
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	271.00	25.02	80.00	23.19			
15	45-49	Current MRTP	57.00	5.26					
15	45-49	Current Dual	17.00	1.57					
15	45-49	Former	260.00	24.01			14.25	14.00	5.38
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	222.00	22.82	58.00	20.64			
15	50-54	Current MRTP	44.00	4.52					
15	50-54	Current Dual	15.00	1.54					
15	50-54	Former	286.00	29.39			18.00	16.00	5.59
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	196.00	22.82	72.00	27.91			
15	55-59	Current MRTP	50.00	5.82					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	293.00	34.11			18.98	20.00	6.83
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	163.00	25.87	63.00	29.72			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	19.00	3.02					
15	60-64	Former	226.00	35.87			21.42	18.00	7.96
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	115.00	21.95	51.00	33.33			
15	65-69	Current MRTP	27.00	5.15					
15	65-69	Current Dual	11.00	2.10					
15	65-69	Former	216.00	41.22			20.80	17.00	7.87
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	101.00	19.61	65.00	43.33			
15	70-74	Current MRTP	34.00	6.60					
15	70-74	Current Dual	15.00	2.91					
15	70-74	Former	224.00	43.50			22.89	12.00	5.36
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	65.00	46.76			
15	75-79	Current MRTP	29.00	5.80					
15	75-79	Current Dual	12.00	2.40					
15	75-79	Former	241.00	48.20			23.53	21.00	8.71
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1753.00	20.80	649.00	25.28			

Results for PHIM for Run 23 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	550.00	6.53					
20	All Ages	Current Dual	264.00	3.13					
20	All Ages	Former	2140.00	25.39			17.79	173.00	8.08
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	164.00	18.30	13.00	4.71			
20	30-34	Current MRTP	62.00	6.92					
20	30-34	Current Dual	50.00	5.58					
20	30-34	Former	73.00	8.15			5.93	15.00	20.55
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	195.00	21.31	26.00	8.75			
20	35-39	Current MRTP	61.00	6.67					
20	35-39	Current Dual	41.00	4.48					
20	35-39	Former	103.00	11.26			8.56	14.00	13.59
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	204.00	21.29	39.00	13.13			
20	40-44	Current MRTP	61.00	6.37					
20	40-44	Current Dual	32.00	3.34					
20	40-44	Former	171.00	17.85			12.67	10.00	5.85
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	257.00	23.93	61.00	18.48			
20	45-49	Current MRTP	51.00	4.75					
20	45-49	Current Dual	22.00	2.05					
20	45-49	Former	256.00	23.84			14.48	23.00	8.98
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	238.00	21.98	94.00	29.01			
20	50-54	Current MRTP	64.00	5.91					
20	50-54	Current Dual	22.00	2.03					
20	50-54	Former	281.00	25.95			16.16	17.00	6.05
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	406.00	41.73					
20	55-59	Current CC	194.00	19.94	81.00	29.24			
20	55-59	Current MRTP	58.00	5.96					
20	55-59	Current Dual	25.00	2.57					
20	55-59	Former	290.00	29.80			19.66	18.00	6.21
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	177.00	20.61	87.00	34.66			
20	60-64	Current MRTP	57.00	6.64					

Results for PHIM for Run 23 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	300.00	34.92			20.63	18.00	6.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	132.00	20.95	82.00	40.80			
20	65-69	Current MRTP	48.00	7.62					
20	65-69	Current Dual	21.00	3.33					
20	65-69	Former	237.00	37.62			21.10	21.00	8.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	106.00	20.23	80.00	48.78			
20	70-74	Current MRTP	41.00	7.82					
20	70-74	Current Dual	17.00	3.24					
20	70-74	Former	205.00	39.12			21.90	15.00	7.32

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	86.00	16.70	86.00	57.33			
20	75-79	Current MRTP	47.00	9.13					
20	75-79	Current Dual	17.00	3.30					
20	75-79	Former	224.00	43.50			22.18	22.00	9.82

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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	124169.020	-36.437	-0.012	-0.029	4845.61	1920.39	1920.95	-0.564
1992	308577	122143.718	122190.747	-47.029	-0.015	-0.039	4692.62	1857.47	1858.19	-0.715
1993	311713	123269.216	123253.947	15.270	0.005	0.012	4656.77	1841.55	1841.32	0.228
1994	305700	120480.723	120461.914	18.810	0.006	0.016	4482.57	1766.64	1766.37	0.276
1995	303225	118666.569	118603.545	63.024	0.021	0.053	4361.58	1706.89	1705.99	0.907
1996	299559	116607.195	116528.487	78.707	0.026	0.067	4242.85	1651.58	1650.47	1.115
1997	294226	114665.051	114594.072	70.979	0.024	0.062	4100.64	1598.09	1597.10	0.989
1998	289258	113038.380	112906.265	132.115	0.046	0.117	3966.28	1549.97	1548.16	1.812
1999	311002	117067.463	116743.142	324.321	0.104	0.277	4198.14	1580.27	1575.89	4.378
2000	303786	114977.407	114612.777	364.631	0.120	0.317	4041.13	1529.49	1524.64	4.851
2001	296294	113047.319	112663.750	383.569	0.129	0.339	3890.54	1484.39	1479.35	5.037
2002	291898	111744.742	111291.323	453.419	0.155	0.406	3789.34	1450.64	1444.75	5.886
2003	285865	110551.854	109965.191	586.662	0.205	0.531	3671.31	1419.80	1412.26	7.534
2004	274177	107418.262	106805.734	612.528	0.223	0.570	3481.92	1364.16	1356.38	7.779
2005	272379	107678.770	107001.572	677.198	0.249	0.629	3417.44	1351.01	1342.51	8.497
2006	264118	104357.806	103717.898	639.908	0.242	0.613	3281.83	1296.71	1288.76	7.951
2007	258419	102690.449	101998.300	692.149	0.268	0.674	3176.05	1262.10	1253.59	8.507
2008	259461	103492.166	102526.862	965.305	0.372	0.933	3150.91	1256.82	1245.09	11.723
2009	253907	101384.044	100204.857	1179.186	0.464	1.163	3045.20	1215.94	1201.80	14.142

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	2266069.364	7174.315	0.123	0.316	3927.78	1535.76	1530.91	4.847

****

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_12_Vary_starting_restarting_rates.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	63071.841	-3.056	-0.004	-0.005	1213.84	975.702	975.750	-0.047
1992	77987	62535.347	62538.613	-3.266	-0.004	-0.005	1185.97	950.993	951.043	-0.050
1993	78542	62883.111	62875.263	7.848	0.010	0.012	1173.36	939.428	939.311	0.117
1994	77437	61805.804	61796.681	9.123	0.012	0.015	1135.48	906.276	906.143	0.134
1995	76904	61145.799	61126.297	19.502	0.025	0.032	1106.18	879.519	879.238	0.281
1996	76232	60385.323	60370.738	14.585	0.019	0.024	1079.72	855.277	855.070	0.207
1997	75473	59549.806	59557.208	-7.402	-0.010	-0.012	1051.87	829.947	830.050	-0.103
1998	75381	59292.315	59265.685	26.630	0.035	0.045	1033.62	813.010	812.645	0.365
1999	73159	57398.351	57333.468	64.884	0.089	0.113	987.557	774.807	773.931	0.876
2000	73784	57716.549	57629.275	87.273	0.118	0.151	981.515	767.777	766.616	1.161
2001	73294	57211.877	57108.417	103.461	0.141	0.181	962.399	751.230	749.871	1.359
2002	72442	56438.810	56318.023	120.787	0.167	0.214	940.422	732.673	731.105	1.568
2003	71942	55948.341	55825.944	122.397	0.170	0.219	923.937	718.533	716.962	1.572
2004	71301	55339.218	55204.842	134.376	0.188	0.243	905.490	702.783	701.076	1.707
2005	70964	54964.459	54831.066	133.393	0.188	0.243	890.360	689.620	687.946	1.674
2006	69658	53781.526	53692.520	89.006	0.128	0.165	865.543	668.268	667.162	1.106
2007	68565	52784.985	52709.022	75.963	0.111	0.144	842.687	648.745	647.811	0.934
2008	68226	52470.692	52314.046	156.646	0.230	0.299	828.542	637.208	635.306	1.902
2009	67509	51823.021	51629.014	194.007	0.287	0.374	809.661	621.533	619.207	2.327

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1158642.371	1346.158	0.091	0.116	997.213	783.665	782.756	0.909

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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	37090.224	-22.840	-0.014	-0.062	2599.72	573.449	573.802	-0.353
1992	164548	35863.851	35890.875	-27.024	-0.016	-0.075	2502.33	545.392	545.803	-0.411
1993	164362	35459.800	35445.475	14.325	0.009	0.040	2455.45	529.744	529.530	0.214
1994	159866	34293.631	34278.252	15.379	0.010	0.045	2344.16	502.857	502.632	0.226
1995	158083	33531.695	33492.867	38.828	0.025	0.116	2273.86	482.318	481.760	0.558
1996	154875	32438.163	32380.373	57.790	0.037	0.178	2193.60	459.443	458.625	0.819
1997	149970	31179.663	31105.222	74.441	0.050	0.239	2090.14	434.552	433.514	1.037
1998	145407	29860.736	29785.418	75.318	0.052	0.252	1993.81	409.447	408.415	1.033
1999	165952	34413.904	34243.346	170.558	0.103	0.496	2240.15	464.545	462.243	2.302
2000	160260	33265.290	33101.125	164.165	0.102	0.494	2131.87	442.513	440.329	2.184
2001	154444	32074.102	31911.841	162.261	0.105	0.506	2027.95	421.154	419.024	2.131
2002	151887	31817.956	31626.817	191.139	0.126	0.601	1971.76	413.052	410.571	2.481
2003	146733	31025.931	30720.472	305.459	0.208	0.985	1884.46	398.460	394.537	3.923
2004	138381	29503.602	29178.901	324.701	0.235	1.101	1757.38	374.682	370.559	4.124
2005	135881	29077.894	28707.789	370.105	0.272	1.273	1704.85	364.830	360.186	4.644
2006	131922	28385.448	27962.250	423.198	0.321	1.491	1639.21	352.707	347.448	5.258
2007	126502	27327.625	26829.002	498.623	0.394	1.825	1554.75	335.866	329.737	6.128
2008	125859	27025.472	26421.994	603.478	0.479	2.233	1528.44	328.199	320.871	7.329
2009	122428	26361.626	25621.514	740.112	0.605	2.808	1468.33	316.165	307.289	8.876

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	634176.656	4180.017	0.139	0.655	2024.64	431.261	428.437	2.824

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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_12_Vary_starting_restarting_rates.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	4495.297	-7.315	-0.022	-0.163	504.630	69.431	69.544	-0.113
1992	32100	4371.196	4381.079	-9.883	-0.031	-0.226	488.154	66.474	66.624	-0.150
1993	32896	4414.136	4416.430	-2.294	-0.007	-0.052	491.442	65.944	65.978	-0.034
1994	33323	4474.895	4474.466	0.430	0.001	0.010	488.625	65.617	65.610	0.006
1995	33569	4476.290	4470.089	6.201	0.018	0.139	482.855	64.387	64.298	0.089
1996	33870	4489.078	4473.795	15.284	0.045	0.340	479.723	63.582	63.365	0.216
1997	33516	4444.866	4411.955	32.911	0.098	0.740	467.113	61.948	61.490	0.459
1998	32795	4313.427	4289.011	24.416	0.074	0.566	449.682	59.145	58.810	0.335
1999	33375	4232.739	4193.498	39.240	0.118	0.927	450.521	57.137	56.607	0.530
2000	33459	4307.577	4273.949	33.629	0.101	0.781	445.090	57.302	56.854	0.447
2001	32275	4136.308	4117.139	19.169	0.059	0.463	423.792	54.312	54.061	0.252
2002	31586	4079.175	4062.753	16.421	0.052	0.403	410.041	52.955	52.742	0.213
2003	30985	4096.221	4047.515	48.707	0.157	1.189	397.934	52.607	51.981	0.626
2004	29884	4034.217	3988.429	45.788	0.153	1.135	379.513	51.233	50.651	0.581
2005	28708	3944.303	3896.773	47.529	0.166	1.205	360.189	49.488	48.891	0.596
2006	28188	3970.169	3901.490	68.679	0.244	1.730	350.253	49.332	48.478	0.853
2007	28026	3957.558	3870.424	87.134	0.311	2.202	344.449	48.640	47.569	1.071
2008	27128	3812.302	3724.524	87.778	0.324	2.302	329.444	46.297	45.231	1.066
2009	27068	3827.467	3705.848	121.619	0.449	3.178	324.637	45.904	44.446	1.459

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	83782.060	675.444	0.108	0.800	424.421	57.058	56.601	0.456

****

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	19511.657	-3.226	-0.009	-0.017	527.418	301.804	301.854	-0.050
1992	33942	19373.324	19380.180	-6.856	-0.020	-0.035	516.166	294.616	294.720	-0.104
1993	35913	20512.169	20516.779	-4.610	-0.013	-0.022	536.514	306.437	306.506	-0.069
1994	35074	19906.392	19912.515	-6.122	-0.017	-0.031	514.300	291.893	291.983	-0.090
1995	34669	19512.784	19514.292	-1.508	-0.004	-0.008	498.677	280.671	280.693	-0.022
1996	34582	19294.631	19303.582	-8.952	-0.026	-0.046	489.808	273.283	273.409	-0.127
1997	35267	19490.717	19519.687	-28.970	-0.082	-0.149	491.517	271.643	272.046	-0.404
1998	35675	19571.902	19566.151	5.751	0.016	0.029	489.172	268.368	268.289	0.079
1999	38516	21022.469	20972.830	49.638	0.129	0.236	519.919	283.777	283.107	0.670
2000	36283	19687.992	19608.427	79.564	0.219	0.404	482.656	261.900	260.842	1.058
2001	36281	19625.032	19526.353	98.678	0.272	0.503	476.394	257.690	256.394	1.296
2002	35983	19408.801	19283.730	125.071	0.348	0.644	467.122	251.960	250.336	1.624
2003	36205	19481.360	19371.261	110.099	0.304	0.565	464.974	250.195	248.781	1.414
2004	34611	18541.224	18433.562	107.662	0.311	0.581	439.544	235.465	234.098	1.367
2005	36826	19692.114	19565.943	126.170	0.343	0.641	462.043	247.070	245.487	1.583
2006	34350	18220.663	18161.638	59.025	0.172	0.324	426.820	226.403	225.669	0.733
2007	35326	18620.282	18589.852	30.429	0.086	0.163	434.168	228.849	228.475	0.374
2008	38248	20183.701	20066.298	117.403	0.307	0.582	464.487	245.112	243.687	1.426
2009	36902	19371.930	19248.481	123.449	0.335	0.637	442.580	232.335	230.854	1.481

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	389468.278	972.696	0.136	0.249	481.512	263.774	263.117	0.657

Results for PHIM for Run 24 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA4
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_12_Vary_starting_restarting_rates
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

		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 24 (APPENDIX_12_Vary_starting_restarting_rates.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: 24, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	SET2RA4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000288	0.000096	0.000096
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000864	0.000288	0.000288
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.001152	0.000384	0.000384
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001152	0.000384	0.000384
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001440	0.000480	0.000480
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.001440	0.000480	0.000480
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.001728	0.000576	0.000576
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.002016	0.000672	0.000672
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.002304	0.000768	0.000768
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000192	0.000192	0.000096
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000576	0.000576	0.000288
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000768	0.000768	0.000384
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000768	0.000768	0.000384
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000960	0.000960	0.000480
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000960	0.000960	0.000480
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.001152	0.001152	0.000576
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001344	0.001344	0.000672
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001536	0.001536	0.000768

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

Results for PHIM for Run 24 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2075.00	22.85	236.00	10.16			
5	All Ages	Current MRTP	156.00	1.72					
5	All Ages	Current Dual	92.00	1.01					
5	All Ages	Former	1871.00	20.61			14.41	118.00	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	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 24 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	7.00	2.67			
5	20-24	Current MRTP	22.00	2.61					
5	20-24	Current Dual	17.00	2.01					
5	20-24	Former	24.00	2.84			2.75	8.00	33.33
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	211.00	25.39	17.00	7.14			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	11.00	1.32					
5	25-29	Former	130.00	15.64			5.45	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	522.00	52.25					
5	30-34	Current CC	283.00	28.33	24.00	7.82			
5	30-34	Current MRTP	12.00	1.20					
5	30-34	Current Dual	12.00	1.20					
5	30-34	Former	170.00	17.02			7.84	10.00	5.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	309.00	27.54	19.00	5.69			
5	35-39	Current MRTP	16.00	1.43					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	227.00	20.23			8.38	17.00	7.49
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	217.00	22.37	20.00	8.62			
5	40-44	Current MRTP	11.00	1.13					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	241.00	24.85			11.78	13.00	5.39
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	16.00	8.33			
5	45-49	Current MRTP	15.00	1.85					
5	45-49	Current Dual	2.00	0.25					
5	45-49	Former	197.00	24.29			10.97	16.00	8.12
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	150.00	24.15	21.00	12.80			
5	50-54	Current MRTP	9.00	1.45					
5	50-54	Current Dual	5.00	0.81					
5	50-54	Former	156.00	25.12			15.12	12.00	7.69
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	122.00	22.80	13.00	9.63			
5	55-59	Current MRTP	8.00	1.50					
5	55-59	Current Dual	5.00	0.93					
5	55-59	Former	148.00	27.66			15.39	4.00	2.70
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	104.00	21.31	13.00	11.50			
5	60-64	Current MRTP	6.00	1.23					
5	60-64	Current Dual	3.00	0.61					
5	60-64	Former	125.00	25.61			21.14	4.00	3.20
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	113.00	21.08	30.00	23.08			
5	65-69	Current MRTP	12.00	2.24					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	146.00	27.24			20.90	7.00	4.79
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	80.00	14.84	26.00	27.08			
5	70-74	Current MRTP	11.00	2.04					
5	70-74	Current Dual	5.00	0.93					
5	70-74	Former	163.00	30.24			23.50	8.00	4.91

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	57.00	11.73	30.00	39.47			
5	75-79	Current MRTP	13.00	2.67					
5	75-79	Current Dual	6.00	1.23					
5	75-79	Former	143.00	29.42			26.45	6.00	4.20

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1926.00	21.14	379.00	15.84			
10	All Ages	Current MRTP	292.00	3.21					
10	All Ages	Current Dual	175.00	1.92					
10	All Ages	Former	1818.00	19.96			15.56	126.00	6.93

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	212.00	25.12	12.00	4.35			
10	25-29	Current MRTP	37.00	4.38					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	45.00	5.33			4.42	12.00	26.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	191.00	22.98	25.00	10.37			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	19.00	2.29					
10	30-34	Former	149.00	17.93			8.81	12.00	8.05

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	264.00	26.43	48.00	15.19			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	23.00	2.30					
10	35-39	Former	173.00	17.32			11.10	9.00	5.20

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	268.00	23.89	43.00	13.78			
10	40-44	Current MRTP	32.00	2.85					
10	40-44	Current Dual	12.00	1.07					
10	40-44	Former	249.00	22.19			11.06	20.00	8.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	188.00	19.38	40.00	17.62			
10	45-49	Current MRTP	28.00	2.89					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	246.00	25.36			15.01	13.00	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 %

Results for PHIM for Run 24 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	165.00	20.35	37.00	19.17			
10	50-54	Current MRTP	19.00	2.34					
10	50-54	Current Dual	9.00	1.11					
10	50-54	Former	196.00	24.17			14.52	7.00	3.57
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	29.00	18.59			
10	55-59	Current MRTP	20.00	3.22					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	164.00	26.41			17.77	7.00	4.27
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	110.00	20.56	22.00	16.92			
10	60-64	Current MRTP	14.00	2.62					
10	60-64	Current Dual	6.00	1.12					
10	60-64	Former	153.00	28.60			17.97	10.00	6.54
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	90.00	18.44	28.00	24.35			
10	65-69	Current MRTP	13.00	2.66					
10	65-69	Current Dual	12.00	2.46					
10	65-69	Former	123.00	25.20			22.80	5.00	4.07
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	95.00	17.72	44.00	34.65			
10	70-74	Current MRTP	21.00	3.92					
10	70-74	Current Dual	11.00	2.05					
10	70-74	Former	149.00	27.80			21.95	11.00	7.38
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	75.00	13.91	51.00	47.66			
10	75-79	Current MRTP	20.00	3.71					
10	75-79	Current Dual	12.00	2.23					
10	75-79	Former	152.00	28.20			24.88	14.00	9.21
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1639.00	19.12	475.00	21.15			
15	All Ages	Current MRTP	395.00	4.61					
15	All Ages	Current Dual	212.00	2.47					
15	All Ages	Former	1801.00	21.02			15.99	152.00	8.44
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	145.00	17.84	3.00	1.30			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	39.00	4.80					
15	25-29	Former	37.00	4.55			4.00	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 24 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	190.00	22.51	16.00	5.71			
15	30-34	Current MRTP	59.00	6.99					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	74.00	8.77			5.89	18.00	24.32
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	167.00	20.10	42.00	18.42			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	24.00	2.89					
15	35-39	Former	169.00	20.34			11.37	13.00	7.69
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	232.00	23.22	69.00	22.33			
15	40-44	Current MRTP	48.00	4.80					
15	40-44	Current Dual	29.00	2.90					
15	40-44	Former	180.00	18.02			13.62	10.00	5.56
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	237.00	21.12	58.00	19.21			
15	45-49	Current MRTP	45.00	4.01					
15	45-49	Current Dual	20.00	1.78					
15	45-49	Former	259.00	23.08			14.18	15.00	5.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	161.00	16.60	65.00	29.28			
15	50-54	Current MRTP	43.00	4.43					
15	50-54	Current Dual	18.00	1.86					
15	50-54	Former	251.00	25.88			16.69	14.00	5.58
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	145.00	17.88	57.00	29.84			
15	55-59	Current MRTP	30.00	3.70					
15	55-59	Current Dual	16.00	1.97					
15	55-59	Former	198.00	24.41			17.11	12.00	6.06
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	301.00	48.47					
15	60-64	Current CC	109.00	17.55	44.00	29.73			
15	60-64	Current MRTP	30.00	4.83					
15	60-64	Current Dual	9.00	1.45					
15	60-64	Former	172.00	27.70			18.98	10.00	5.81
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 CC	101.00	18.88	32.00	26.89			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	164.00	30.65			18.88	13.00	7.93
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	72.00	14.75	41.00	38.68			
15	70-74	Current MRTP	23.00	4.71					
15	70-74	Current Dual	11.00	2.25					
15	70-74	Former	132.00	27.05			20.79	15.00	11.36
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	80.00	14.93	48.00	43.24			
15	75-79	Current MRTP	21.00	3.92					
15	75-79	Current Dual	10.00	1.87					
15	75-79	Former	165.00	30.78			21.09	18.00	10.91
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1400.00	17.43	545.00	26.48			

Results for PHIM for Run 24 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	433.00	5.39					
20	All Ages	Current Dual	225.00	2.80					
20	All Ages	Former	1750.00	21.78			17.20	138.00	7.89
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	140.00	17.22	6.00	2.61			
20	30-34	Current MRTP	52.00	6.40					
20	30-34	Current Dual	38.00	4.67					
20	30-34	Former	62.00	7.63			5.61	13.00	20.97
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	165.00	19.55	24.00	9.02			
20	35-39	Current MRTP	67.00	7.94					
20	35-39	Current Dual	34.00	4.03					
20	35-39	Former	100.00	11.85			7.63	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	434.00	52.23					
20	40-44	Current CC	146.00	17.57	49.00	23.22			
20	40-44	Current MRTP	41.00	4.93					
20	40-44	Current Dual	24.00	2.89					
20	40-44	Former	186.00	22.38			14.17	7.00	3.76
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	211.00	21.12	79.00	26.87			
20	45-49	Current MRTP	53.00	5.31					
20	45-49	Current Dual	30.00	3.00					
20	45-49	Former	195.00	19.52			15.96	10.00	5.13
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	212.00	18.89	72.00	25.17			
20	50-54	Current MRTP	49.00	4.37					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	275.00	24.51			16.69	19.00	6.91
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	497.00	51.24					
20	55-59	Current CC	142.00	14.64	84.00	38.89			
20	55-59	Current MRTP	52.00	5.36					
20	55-59	Current Dual	22.00	2.27					
20	55-59	Former	257.00	26.49			18.69	18.00	7.00
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	80.00	41.45			
20	60-64	Current MRTP	43.00	5.30					

Results for PHIM for Run 24 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	21.00	2.59					
20	60-64	Former	196.00	24.17			19.58	14.00	7.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	95.00	15.30	47.00	34.56			
20	65-69	Current MRTP	31.00	4.99					
20	65-69	Current Dual	10.00	1.61					
20	65-69	Former	184.00	29.63			20.15	12.00	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	252.00	47.10					
20	70-74	Current CC	89.00	16.64	48.00	40.00			
20	70-74	Current MRTP	21.00	3.93					
20	70-74	Current Dual	10.00	1.87					
20	70-74	Former	163.00	30.47			21.48	12.00	7.36

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	71.00	14.55	56.00	52.83			
20	75-79	Current MRTP	24.00	4.92					
20	75-79	Current Dual	11.00	2.25					
20	75-79	Former	132.00	27.05			21.26	15.00	11.36

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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	59164.325	-36.464	-0.018	-0.062	2826.86	839.248	839.765	-0.518
1992	198532	60226.142	60329.101	-102.959	-0.052	-0.171	2778.64	842.922	844.363	-1.441
1993	202512	62332.320	62488.482	-156.162	-0.077	-0.251	2793.47	859.818	861.972	-2.154
1994	200658	62691.239	62929.018	-237.779	-0.118	-0.379	2725.82	851.622	854.852	-3.230
1995	201023	63132.954	63435.518	-302.563	-0.151	-0.479	2687.54	844.043	848.088	-4.045
1996	201180	64309.880	64773.101	-463.221	-0.230	-0.720	2653.67	848.280	854.390	-6.110
1997	198639	64547.894	65054.349	-506.456	-0.255	-0.785	2583.39	839.475	846.062	-6.587
1998	197573	65384.866	65837.947	-453.081	-0.229	-0.693	2533.29	838.367	844.176	-5.809
1999	211329	67554.762	68046.502	-491.740	-0.233	-0.728	2673.14	854.513	860.734	-6.220
2000	208496	68184.366	68673.612	-489.246	-0.235	-0.718	2604.20	851.652	857.763	-6.111
2001	203606	68286.060	68673.343	-387.283	-0.190	-0.567	2514.65	843.372	848.155	-4.783
2002	200828	68983.996	69397.883	-413.887	-0.206	-0.600	2455.47	843.450	848.511	-5.060
2003	196352	68717.830	68971.221	-253.391	-0.129	-0.369	2377.49	832.057	835.126	-3.068
2004	188160	67344.952	67329.460	15.492	0.008	0.023	2254.66	806.974	806.788	0.186
2005	186416	67846.650	67657.446	189.204	0.101	0.279	2208.07	803.634	801.393	2.241
2006	180088	66622.465	65993.396	629.069	0.349	0.944	2113.55	781.893	774.511	7.383
2007	175644	65977.201	65185.739	791.462	0.451	1.200	2039.92	766.256	757.064	9.192
2008	177570	67121.344	66214.513	906.830	0.511	1.351	2039.03	770.751	760.338	10.413
2009	172806	66622.993	65353.728	1269.265	0.735	1.905	1961.22	756.123	741.717	14.405

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	1302809.274	-492.909	-0.013	-0.038	2465.77	823.300	823.612	-0.312

****

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_12_Vary_starting_restarting_rates.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	31537.155	-7.136	-0.016	-0.023	620.154	447.530	447.631	-0.101
1992	45423	32811.446	32839.050	-27.603	-0.061	-0.084	635.738	459.227	459.614	-0.386
1993	46291	33467.735	33513.927	-46.191	-0.100	-0.138	638.542	461.657	462.294	-0.637
1994	47017	33989.389	34064.618	-75.229	-0.160	-0.221	638.697	461.725	462.747	-1.022
1995	47840	34566.580	34664.948	-98.368	-0.206	-0.285	639.587	462.131	463.446	-1.315
1996	48244	34997.958	35151.211	-153.253	-0.318	-0.438	636.363	461.641	463.662	-2.021
1997	49035	35549.658	35719.266	-169.608	-0.346	-0.477	637.723	462.340	464.545	-2.206
1998	49686	36138.033	36293.644	-155.611	-0.313	-0.431	637.076	463.363	465.358	-1.995
1999	48883	35506.142	35674.702	-168.560	-0.345	-0.475	618.331	449.124	451.256	-2.132
2000	50331	36573.306	36746.797	-173.491	-0.345	-0.474	628.656	456.816	458.983	-2.167
2001	50389	36733.445	36886.164	-152.719	-0.303	-0.416	622.333	453.679	455.565	-1.886
2002	51445	37627.700	37780.812	-153.112	-0.298	-0.407	629.005	460.065	461.937	-1.872
2003	51408	37552.784	37654.132	-101.348	-0.197	-0.270	622.464	454.701	455.928	-1.227
2004	51399	37527.823	37558.574	-30.751	-0.060	-0.082	615.898	449.684	450.053	-0.368
2005	51421	37486.186	37476.704	9.482	0.018	0.025	609.074	444.018	443.906	0.112
2006	51355	37409.496	37245.053	164.443	0.320	0.440	602.712	439.045	437.115	1.930
2007	51839	37602.867	37391.371	211.496	0.408	0.562	602.056	436.718	434.262	2.456
2008	50976	36986.957	36752.846	234.111	0.459	0.633	585.355	424.719	422.031	2.688
2009	51193	37201.944	36832.602	369.342	0.721	0.993	581.003	422.215	418.023	4.192

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	712428.944	-524.105	-0.053	-0.074	619.890	450.053	450.384	-0.331

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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	12681.774	-18.794	-0.019	-0.148	1368.32	179.735	180.002	-0.267
1992	93721	12337.995	12378.209	-40.213	-0.043	-0.326	1311.71	172.682	173.245	-0.563
1993	93679	12401.934	12454.170	-52.236	-0.056	-0.421	1292.22	171.073	171.794	-0.721
1994	90832	12128.576	12199.851	-71.276	-0.078	-0.588	1233.90	164.759	165.728	-0.968
1995	89698	11958.696	12049.715	-91.019	-0.101	-0.761	1199.20	159.879	161.096	-1.217
1996	88286	12020.749	12145.793	-125.044	-0.142	-1.040	1164.54	158.560	160.209	-1.649
1997	84777	11593.724	11724.820	-131.096	-0.155	-1.131	1102.56	150.782	152.487	-1.705
1998	82517	11337.035	11443.924	-106.890	-0.130	-0.943	1058.04	145.364	146.734	-1.371
1999	93939	13027.458	13125.804	-98.346	-0.105	-0.755	1188.25	164.787	166.031	-1.244
2000	90039	12607.547	12708.457	-100.910	-0.112	-0.800	1124.63	157.474	158.734	-1.260
2001	86119	12350.451	12387.372	-36.921	-0.043	-0.299	1063.62	152.535	152.991	-0.456
2002	83014	12112.097	12152.879	-40.782	-0.049	-0.337	1014.99	148.092	148.590	-0.499
2003	79302	11683.252	11676.309	6.943	0.009	0.059	960.214	141.465	141.380	0.084
2004	73861	11139.095	11023.011	116.084	0.157	1.042	885.053	133.476	132.085	1.391
2005	71649	10884.683	10708.376	176.307	0.246	1.620	848.672	128.927	126.839	2.088
2006	67551	10397.565	10108.745	288.819	0.428	2.778	792.791	122.028	118.638	3.390
2007	63503	9785.831	9424.083	361.748	0.570	3.697	737.521	113.652	109.451	4.201
2008	63171	9922.524	9515.901	406.624	0.644	4.098	725.389	113.940	109.271	4.669
2009	59747	9483.598	8995.088	488.509	0.818	5.151	678.085	107.632	102.088	5.544

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	231551.043	931.506	0.056	0.401	1043.56	146.971	146.382	0.589

****

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_12_Vary_starting_restarting_rates.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	3122.197	-6.181	-0.019	-0.198	461.369	44.228	44.316	-0.088
1992	32560	3095.448	3110.117	-14.669	-0.045	-0.474	455.708	43.324	43.529	-0.205
1993	32768	3114.516	3131.846	-17.330	-0.053	-0.556	452.005	42.962	43.201	-0.239
1994	33005	3168.398	3193.366	-24.967	-0.076	-0.788	448.353	43.041	43.380	-0.339
1995	33730	3200.274	3231.465	-31.191	-0.092	-0.975	450.946	42.785	43.202	-0.417
1996	33750	3234.738	3273.623	-38.885	-0.115	-1.202	445.180	42.668	43.181	-0.513
1997	33699	3240.665	3290.755	-50.091	-0.149	-1.546	438.271	42.146	42.798	-0.651
1998	33274	3171.578	3213.773	-42.195	-0.127	-1.330	426.640	40.666	41.207	-0.541
1999	33891	3153.786	3188.305	-34.519	-0.102	-1.095	428.694	39.893	40.329	-0.437
2000	33827	3237.043	3261.806	-24.763	-0.073	-0.765	422.514	40.432	40.741	-0.309
2001	32506	3110.972	3115.514	-4.543	-0.014	-0.146	401.468	38.422	38.478	-0.056
2002	32078	3123.298	3127.551	-4.254	-0.013	-0.136	392.210	38.188	38.240	-0.052
2003	30568	3025.984	3012.406	13.578	0.044	0.449	370.127	36.640	36.475	0.164
2004	29388	2983.453	2927.254	56.199	0.191	1.884	352.147	35.750	35.076	0.673
2005	27954	2926.679	2847.578	79.101	0.283	2.703	331.111	34.666	33.729	0.937
2006	27201	2889.308	2780.155	109.153	0.401	3.778	319.236	33.909	32.628	1.281
2007	26302	2810.025	2675.250	134.775	0.512	4.796	305.470	32.636	31.070	1.565
2008	25998	2773.025	2628.109	144.916	0.557	5.226	298.534	31.843	30.178	1.664
2009	25040	2723.293	2550.243	173.050	0.691	6.354	284.186	30.907	28.943	1.964

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	60874.558	417.185	0.067	0.681	394.195	38.747	38.484	0.264

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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	11823.200	-4.353	-0.016	-0.037	377.015	167.754	167.816	-0.062
1992	26828	11981.252	12001.725	-20.473	-0.076	-0.171	375.483	167.689	167.976	-0.287
1993	29774	13348.134	13388.539	-40.405	-0.136	-0.303	410.705	184.125	184.683	-0.557
1994	29804	13404.876	13471.182	-66.306	-0.222	-0.495	404.869	182.097	182.998	-0.901
1995	29755	13407.404	13489.390	-81.985	-0.276	-0.611	397.803	179.248	180.344	-1.096
1996	30900	14056.435	14202.474	-146.039	-0.473	-1.039	407.587	185.412	187.338	-1.926
1997	31128	14163.848	14319.509	-155.661	-0.500	-1.099	404.834	184.207	186.232	-2.024
1998	32096	14738.220	14886.606	-148.386	-0.462	-1.007	411.536	188.974	190.877	-1.903
1999	34616	15867.376	16057.691	-190.315	-0.550	-1.199	437.865	200.710	203.117	-2.407
2000	34299	15766.470	15956.552	-190.082	-0.554	-1.206	428.409	196.930	199.304	-2.374
2001	34592	16091.193	16284.293	-193.100	-0.558	-1.200	427.231	198.736	201.120	-2.385
2002	34291	16120.902	16336.642	-215.740	-0.629	-1.338	419.268	197.106	199.744	-2.638
2003	35074	16455.810	16628.373	-172.563	-0.492	-1.049	424.687	199.252	201.342	-2.089
2004	33512	15694.580	15820.619	-126.039	-0.376	-0.803	401.564	188.063	189.574	-1.510
2005	35392	16549.102	16624.789	-75.687	-0.214	-0.457	419.213	196.022	196.918	-0.896
2006	33981	15926.096	15859.443	66.653	0.196	0.419	398.807	186.912	186.129	0.782
2007	34000	15778.477	15695.035	83.442	0.245	0.529	394.875	183.251	182.281	0.969
2008	37425	17438.838	17317.658	121.180	0.324	0.695	429.749	200.249	198.858	1.392
2009	36826	17214.158	16975.795	238.362	0.647	1.385	417.948	195.368	192.663	2.705

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	297954.729	-1317.50	-0.204	-0.444	408.132	187.528	188.361	-0.833

Results for PHIM for Run 25 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA5
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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: 25, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	SET2RA5

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000720	0.000240	0.000240
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.002160	0.000720	0.000720
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.002880	0.000960	0.000960
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.003600	0.001200	0.001200
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.003600	0.001200	0.001200
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.004320	0.001440	0.001440
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.005040	0.001680	0.001680
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.005760	0.001920	0.001920
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000480	0.000480	0.000240
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.001440	0.001440	0.000720
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.001920	0.001920	0.000960
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.002400	0.002400	0.001200
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.002400	0.002400	0.001200
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.002880	0.002880	0.001440
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.003360	0.003360	0.001680
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.003840	0.003840	0.001920

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

Results for PHIM for Run 25 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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: 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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2719.00	29.63	718.00	22.08			
5	All Ages	Current MRTP	335.00	3.65					
5	All Ages	Current Dual	198.00	2.16					
5	All Ages	Former	2024.00	22.06			14.72	183.00	9.04

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

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

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

Results for PHIM for Run 25 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	241.00	26.34	7.00	2.59			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	14.00	1.53					
5	20-24	Former	26.00	2.84			2.85	7.00	26.92
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	287.00	29.96	22.00	6.75			
5	25-29	Current MRTP	30.00	3.13					
5	25-29	Current Dual	9.00	0.94					
5	25-29	Former	97.00	10.13			4.59	22.00	22.68
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	364.00	33.89	39.00	9.56			
5	30-34	Current MRTP	31.00	2.89					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	172.00	16.01			6.16	27.00	15.70
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	478.00	44.14					
5	35-39	Current CC	357.00	32.96	65.00	16.17			
5	35-39	Current MRTP	28.00	2.59					
5	35-39	Current Dual	17.00	1.57					
5	35-39	Former	203.00	18.74			7.29	23.00	11.33
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	308.00	31.65	70.00	19.89			
5	40-44	Current MRTP	33.00	3.39					
5	40-44	Current Dual	11.00	1.13					
5	40-44	Former	215.00	22.10			12.46	9.00	4.19
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	265.00	30.85	72.00	23.00			
5	45-49	Current MRTP	32.00	3.73					
5	45-49	Current Dual	16.00	1.86					
5	45-49	Former	238.00	27.71			13.28	14.00	5.88
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	214.00	33.97	65.00	25.19			
5	50-54	Current MRTP	26.00	4.13					
5	50-54	Current Dual	18.00	2.86					
5	50-54	Former	180.00	28.57			16.55	7.00	3.89
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	166.00	31.68	61.00	30.96			
5	55-59	Current MRTP	16.00	3.05					
5	55-59	Current Dual	15.00	2.86					
5	55-59	Former	172.00	32.82			16.02	17.00	9.88
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	145.00	28.16	77.00	40.53			
5	60-64	Current MRTP	25.00	4.85					
5	60-64	Current Dual	20.00	3.88					
5	60-64	Former	184.00	35.73			18.70	12.00	6.52
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	135.00	27.00	73.00	40.11			
5	65-69	Current MRTP	25.00	5.00					
5	65-69	Current Dual	22.00	4.40					
5	65-69	Former	198.00	39.60			21.43	14.00	7.07
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	103.00	22.99	94.00	58.75			
5	70-74	Current MRTP	39.00	8.71					
5	70-74	Current Dual	18.00	4.02					
5	70-74	Former	182.00	40.63			21.63	17.00	9.34

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	93.00	25.91	73.00	53.68			
5	75-79	Current MRTP	28.00	7.80					
5	75-79	Current Dual	15.00	4.18					
5	75-79	Former	155.00	43.18			22.87	13.00	8.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2639.00	28.15	1096.00	30.79			
10	All Ages	Current MRTP	601.00	6.41					
10	All Ages	Current Dual	320.00	3.41					
10	All Ages	Former	1742.00	18.58			14.49	228.00	13.09

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	2.00	0.80			
10	20-24	Current MRTP	37.00	4.13					
10	20-24	Current Dual	44.00	4.91					
10	20-24	Former	19.00	2.12			2.00	9.00	47.37

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	246.00	26.89	16.00	5.11			
10	25-29	Current MRTP	30.00	3.28					
10	25-29	Current Dual	37.00	4.04					
10	25-29	Former	49.00	5.36			4.20	16.00	32.65

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	267.00	27.87	48.00	13.56			
10	30-34	Current MRTP	58.00	6.05					
10	30-34	Current Dual	29.00	3.03					
10	30-34	Former	105.00	10.96			7.56	14.00	13.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	348.00	32.40	86.00	20.24			
10	35-39	Current MRTP	54.00	5.03					
10	35-39	Current Dual	23.00	2.14					
10	35-39	Former	161.00	14.99			9.23	15.00	9.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	319.00	29.46	114.00	28.22			
10	40-44	Current MRTP	58.00	5.36					
10	40-44	Current Dual	27.00	2.49					
10	40-44	Former	201.00	18.56			9.46	28.00	13.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	288.00	29.60	104.00	28.73			
10	45-49	Current MRTP	51.00	5.24					
10	45-49	Current Dual	23.00	2.36					
10	45-49	Former	205.00	21.07			14.67	21.00	10.24

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 25 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	259.00	30.15	131.00	38.19			
10	50-54	Current MRTP	60.00	6.98					
10	50-54	Current Dual	24.00	2.79					
10	50-54	Former	208.00	24.21			15.22	14.00	6.73
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	195.00	30.95	106.00	39.41			
10	55-59	Current MRTP	49.00	7.78					
10	55-59	Current Dual	25.00	3.97					
10	55-59	Former	169.00	26.83			17.48	13.00	7.69
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	159.00	30.34	104.00	47.49			
10	60-64	Current MRTP	38.00	7.25					
10	60-64	Current Dual	22.00	4.20					
10	60-64	Former	150.00	28.63			17.00	13.00	8.67
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	144.00	27.96	108.00	52.68			
10	65-69	Current MRTP	43.00	8.35					
10	65-69	Current Dual	18.00	3.50					
10	65-69	Former	169.00	32.82			18.44	24.00	14.20
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	141.00	28.20	131.00	59.82			
10	70-74	Current MRTP	59.00	11.80					
10	70-74	Current Dual	19.00	3.80					
10	70-74	Former	161.00	32.20			19.68	32.00	19.88
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	104.00	23.21	146.00	74.11			
10	75-79	Current MRTP	64.00	14.29					
10	75-79	Current Dual	29.00	6.47					
10	75-79	Former	145.00	32.37			19.68	29.00	20.00
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2331.00	26.11	1204.00	35.00			
15	All Ages	Current MRTP	744.00	8.33					
15	All Ages	Current Dual	365.00	4.09					
15	All Ages	Former	1619.00	18.14			14.10	232.00	14.33
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	178.00	19.87	9.00	3.08			
15	25-29	Current MRTP	61.00	6.81					
15	25-29	Current Dual	53.00	5.92					
15	25-29	Former	39.00	4.35			3.67	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	525.00	57.38					

Results for PHIM for Run 25 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	229.00	25.03	33.00	10.22			
15	30-34	Current MRTP	52.00	5.68					
15	30-34	Current Dual	42.00	4.59					
15	30-34	Former	67.00	7.32			5.58	17.00	25.37
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	242.00	25.26	73.00	20.62			
15	35-39	Current MRTP	74.00	7.72					
15	35-39	Current Dual	38.00	3.97					
15	35-39	Former	114.00	11.90			9.23	15.00	13.16
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	303.00	28.21	107.00	26.42			
15	40-44	Current MRTP	74.00	6.89					
15	40-44	Current Dual	28.00	2.61					
15	40-44	Former	181.00	16.85			10.51	20.00	11.05
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	305.00	28.16	164.00	38.23			
15	45-49	Current MRTP	86.00	7.94					
15	45-49	Current Dual	38.00	3.51					
15	45-49	Former	176.00	16.25			11.76	18.00	10.23
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	256.00	26.31	132.00	37.18			
15	50-54	Current MRTP	69.00	7.09					
15	50-54	Current Dual	30.00	3.08					
15	50-54	Former	212.00	21.79			15.25	23.00	10.85
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	233.00	27.12	155.00	45.45			
15	55-59	Current MRTP	79.00	9.20					
15	55-59	Current Dual	29.00	3.38					
15	55-59	Former	210.00	24.45			16.14	29.00	13.81
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	186.00	29.52	123.00	45.22			
15	60-64	Current MRTP	59.00	9.37					
15	60-64	Current Dual	27.00	4.29					
15	60-64	Former	166.00	26.35			16.67	27.00	16.27
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	143.00	27.29	121.00	54.26			
15	65-69	Current MRTP	56.00	10.69					
15	65-69	Current Dual	24.00	4.58					
15	65-69	Former	146.00	27.86			17.67	19.00	13.01
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	138.00	26.80	142.00	62.56			
15	70-74	Current MRTP	60.00	11.65					
15	70-74	Current Dual	29.00	5.63					
15	70-74	Former	147.00	28.54			18.14	19.00	12.93
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	118.00	23.60	145.00	66.21			
15	75-79	Current MRTP	74.00	14.80					
15	75-79	Current Dual	27.00	5.40					
15	75-79	Former	161.00	32.20			16.42	32.00	19.88
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	2017.00	23.93	1329.00	40.93			

Results for PHIM for Run 25 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	843.00	10.00					
20	All Ages	Current Dual	387.00	4.59					
20	All Ages	Former	1460.00	17.33			13.05	231.00	15.82

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	170.00	18.97	27.00	9.31			
20	30-34	Current MRTP	69.00	7.70					
20	30-34	Current Dual	51.00	5.69					
20	30-34	Former	59.00	6.58			5.19	15.00	25.42

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	515.00	56.28					
20	35-39	Current CC	204.00	22.30	39.00	12.58			
20	35-39	Current MRTP	65.00	7.10					
20	35-39	Current Dual	41.00	4.48					
20	35-39	Former	90.00	9.84			6.93	20.00	22.22

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	216.00	22.55	92.00	26.29			
20	40-44	Current MRTP	87.00	9.08					
20	40-44	Current Dual	47.00	4.91					
20	40-44	Former	118.00	12.32			10.90	14.00	11.86

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	488.00	45.44					
20	45-49	Current CC	281.00	26.16	141.00	34.39			
20	45-49	Current MRTP	95.00	8.85					
20	45-49	Current Dual	34.00	3.17					
20	45-49	Former	176.00	16.39			11.72	30.00	17.05

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	271.00	25.02	180.00	43.90			
20	50-54	Current MRTP	98.00	9.05					
20	50-54	Current Dual	41.00	3.79					
20	50-54	Former	195.00	18.01			11.84	22.00	11.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	237.00	24.36	181.00	48.01			
20	55-59	Current MRTP	98.00	10.07					
20	55-59	Current Dual	42.00	4.32					
20	55-59	Former	190.00	19.53			15.13	30.00	15.79

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	209.00	24.33	186.00	53.14			
20	60-64	Current MRTP	105.00	12.22					

Results for PHIM for Run 25 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	36.00	4.19					
20	60-64	Former	201.00	23.40			15.58	23.00	11.44

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	160.00	25.40	148.00	55.43			
20	65-69	Current MRTP	78.00	12.38					
20	65-69	Current Dual	29.00	4.60					
20	65-69	Former	171.00	27.14			14.58	29.00	16.96

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	133.00	25.38	153.00	64.56			
20	70-74	Current MRTP	72.00	13.74					
20	70-74	Current Dual	32.00	6.11					
20	70-74	Former	132.00	25.19			15.83	22.00	16.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	136.00	26.41	182.00	73.98			
20	75-79	Current MRTP	76.00	14.76					
20	75-79	Current Dual	34.00	6.60					
20	75-79	Former	128.00	24.85			14.69	26.00	20.31

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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	124396.510	-263.927	-0.084	-0.213	4845.61	1920.39	1924.47	-4.083
1992	308577	122143.718	122808.332	-664.613	-0.215	-0.544	4692.62	1857.47	1867.58	-10.107
1993	311713	123269.216	124328.585	-1059.37	-0.340	-0.859	4656.77	1841.55	1857.38	-15.826
1994	305700	120480.723	122065.102	-1584.38	-0.518	-1.315	4482.57	1766.64	1789.88	-23.232
1995	303225	118666.569	120755.373	-2088.80	-0.689	-1.760	4361.58	1706.89	1736.94	-30.045
1996	299559	116607.195	119146.057	-2538.86	-0.848	-2.177	4242.85	1651.58	1687.54	-35.960
1997	294226	114665.051	117666.738	-3001.69	-1.020	-2.618	4100.64	1598.09	1639.92	-41.835
1998	289258	113038.380	116365.291	-3326.91	-1.150	-2.943	3966.28	1549.97	1595.59	-45.618
1999	311002	117067.463	121157.211	-4089.75	-1.315	-3.493	4198.14	1580.27	1635.47	-55.207
2000	303786	114977.407	119474.723	-4497.32	-1.480	-3.911	4041.13	1529.49	1589.32	-59.826
2001	296294	113047.319	117840.377	-4793.06	-1.618	-4.240	3890.54	1484.39	1547.32	-62.936
2002	291898	111744.742	116782.024	-5037.28	-1.726	-4.508	3789.34	1450.64	1516.03	-65.393
2003	285865	110551.854	115729.589	-5177.73	-1.811	-4.684	3671.31	1419.80	1486.29	-66.497
2004	274177	107418.262	112637.297	-5219.03	-1.904	-4.859	3481.92	1364.16	1430.44	-66.279
2005	272379	107678.770	113137.644	-5458.87	-2.004	-5.070	3417.44	1351.01	1419.50	-68.491
2006	264118	104357.806	109807.401	-5449.60	-2.063	-5.222	3281.83	1296.71	1364.42	-67.715
2007	258419	102690.449	108151.542	-5461.09	-2.113	-5.318	3176.05	1262.10	1329.22	-67.119
2008	259461	103492.166	109033.828	-5541.66	-2.136	-5.355	3150.91	1256.82	1324.12	-67.298
2009	253907	101384.044	106780.813	-5396.77	-2.125	-5.323	3045.20	1215.94	1280.66	-64.726

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	2343894.397	-70650.7	-1.215	-3.108	3927.78	1535.76	1583.49	-47.730

****

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_12_Vary_starting_restarting_rates.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	63108.422	-39.636	-0.051	-0.063	1213.84	975.702	976.315	-0.613
1992	77987	62535.347	62642.371	-107.023	-0.137	-0.171	1185.97	950.993	952.621	-1.628
1993	78542	62883.111	63060.546	-177.435	-0.226	-0.282	1173.36	939.428	942.079	-2.651
1994	77437	61805.804	62082.481	-276.677	-0.357	-0.448	1135.48	906.276	910.333	-4.057
1995	76904	61145.799	61521.873	-376.074	-0.489	-0.615	1106.18	879.519	884.928	-5.409
1996	76232	60385.323	60874.827	-489.504	-0.642	-0.811	1079.72	855.277	862.210	-6.933
1997	75473	59549.806	60170.186	-620.380	-0.822	-1.042	1051.87	829.947	838.593	-8.646
1998	75381	59292.315	59983.209	-690.894	-0.917	-1.165	1033.62	813.010	822.484	-9.473
1999	73159	57398.351	58160.854	-762.503	-1.042	-1.328	987.557	774.807	785.100	-10.293
2000	73784	57716.549	58589.099	-872.550	-1.183	-1.512	981.515	767.777	779.384	-11.607
2001	73294	57211.877	58159.966	-948.089	-1.294	-1.657	962.399	751.230	763.679	-12.449
2002	72442	56438.810	57446.356	-1007.55	-1.391	-1.785	940.422	732.673	745.753	-13.080
2003	71942	55948.341	57030.640	-1082.30	-1.504	-1.934	923.937	718.533	732.433	-13.900
2004	71301	55339.218	56488.545	-1149.33	-1.612	-2.077	905.490	702.783	717.379	-14.596
2005	70964	54964.459	56190.972	-1226.51	-1.728	-2.231	890.360	689.620	705.008	-15.389
2006	69658	53781.526	55072.652	-1291.13	-1.854	-2.401	865.543	668.268	684.311	-16.043
2007	68565	52784.985	54118.022	-1333.04	-1.944	-2.525	842.687	648.745	665.128	-16.383
2008	68226	52470.692	53807.703	-1337.01	-1.960	-2.548	828.542	637.208	653.445	-16.237
2009	67509	51823.021	53174.833	-1351.81	-2.002	-2.609	809.661	621.533	637.746	-16.213

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	1476084	1159988.529	1175127.963	-15139.4	-1.026	-1.305	997.213	783.665	793.893	-10.228

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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 Year	Number 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	37233.600	-166.216	-0.099	-0.448	2599.72	573.449	576.020	-2.571
1992	164548	35863.851	36277.588	-413.737	-0.251	-1.154	2502.33	545.392	551.684	-6.292
1993	164362	35459.800	36104.889	-645.089	-0.392	-1.819	2455.45	529.744	539.381	-9.637
1994	159866	34293.631	35245.726	-952.095	-0.596	-2.776	2344.16	502.857	516.818	-13.961
1995	158083	33531.695	34773.080	-1241.39	-0.785	-3.702	2273.86	482.318	500.175	-17.856
1996	154875	32438.163	33903.689	-1465.53	-0.946	-4.518	2193.60	459.443	480.200	-20.757
1997	149970	31179.663	32853.096	-1673.43	-1.116	-5.367	2090.14	434.552	457.874	-23.323
1998	145407	29860.736	31718.895	-1858.16	-1.278	-6.223	1993.81	409.447	434.926	-25.479
1999	165952	34413.904	36835.363	-2421.46	-1.459	-7.036	2240.15	464.545	497.232	-32.687
2000	160260	33265.290	35913.377	-2648.09	-1.652	-7.961	2131.87	442.513	477.739	-35.226
2001	154444	32074.102	34863.166	-2789.06	-1.806	-8.696	2027.95	421.154	457.777	-36.622
2002	151887	31817.956	34749.260	-2931.30	-1.930	-9.213	1971.76	413.052	451.106	-38.053
2003	146733	31025.931	33969.375	-2943.44	-2.006	-9.487	1884.46	398.460	436.262	-37.802
2004	138381	29503.602	32401.457	-2897.86	-2.094	-9.822	1757.38	374.682	411.484	-36.801
2005	135881	29077.894	32044.969	-2967.07	-2.184	-10.204	1704.85	364.830	402.057	-37.227
2006	131922	28385.448	31270.164	-2884.72	-2.187	-10.163	1639.21	352.707	388.551	-35.844
2007	126502	27327.625	30115.672	-2788.05	-2.204	-10.202	1554.75	335.866	370.132	-34.266
2008	125859	27025.472	29823.740	-2798.27	-2.223	-10.354	1528.44	328.199	362.182	-33.982
2009	122428	26361.626	29025.282	-2663.66	-2.176	-10.104	1468.33	316.165	348.111	-31.946

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	677505.286	-39148.6	-1.306	-6.133	2024.64	431.261	457.709	-26.448

****

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_12_Vary_starting_restarting_rates.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	4520.963	-32.981	-0.101	-0.735	504.630	69.431	69.941	-0.510
1992	32100	4371.196	4448.175	-76.979	-0.240	-1.761	488.154	66.474	67.645	-1.171
1993	32896	4414.136	4532.541	-118.404	-0.360	-2.682	491.442	65.944	67.713	-1.769
1994	33323	4474.895	4648.634	-173.738	-0.521	-3.883	488.625	65.617	68.164	-2.548
1995	33569	4476.290	4703.148	-226.858	-0.676	-5.068	482.855	64.387	67.650	-3.263
1996	33870	4489.078	4747.659	-258.580	-0.763	-5.760	479.723	63.582	67.244	-3.662
1997	33516	4444.866	4723.705	-278.839	-0.832	-6.273	467.113	61.948	65.834	-3.886
1998	32795	4313.427	4626.527	-313.100	-0.955	-7.259	449.682	59.145	63.438	-4.293
1999	33375	4232.739	4583.815	-351.076	-1.052	-8.294	450.521	57.137	61.876	-4.739
2000	33459	4307.577	4713.418	-405.841	-1.213	-9.422	445.090	57.302	62.700	-5.399
2001	32275	4136.308	4576.528	-440.219	-1.364	-10.643	423.792	54.312	60.093	-5.780
2002	31586	4079.175	4535.925	-456.750	-1.446	-11.197	410.041	52.955	58.884	-5.929
2003	30985	4096.221	4540.582	-444.361	-1.434	-10.848	397.934	52.607	58.314	-5.707
2004	29884	4034.217	4479.567	-445.350	-1.490	-11.039	379.513	51.233	56.888	-5.656
2005	28708	3944.303	4395.477	-451.175	-1.572	-11.439	360.189	49.488	55.148	-5.661
2006	28188	3970.169	4397.209	-427.040	-1.515	-10.756	350.253	49.332	54.638	-5.306
2007	28026	3957.558	4376.613	-419.055	-1.495	-10.589	344.449	48.640	53.790	-5.150
2008	27128	3812.302	4226.807	-414.505	-1.528	-10.873	329.444	46.297	51.331	-5.034
2009	27068	3827.467	4221.012	-393.545	-1.454	-10.282	324.637	45.904	50.624	-4.720

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	90585.902	-6128.40	-0.975	-7.256	424.421	57.058	61.198	-4.140

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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	19533.525	-25.094	-0.074	-0.129	527.418	301.804	302.192	-0.388
1992	33942	19373.324	19440.198	-66.874	-0.197	-0.345	516.166	294.616	295.633	-1.017
1993	35913	20512.169	20630.610	-118.441	-0.330	-0.577	536.514	306.437	308.206	-1.769
1994	35074	19906.392	20088.260	-181.868	-0.519	-0.914	514.300	291.893	294.560	-2.667
1995	34669	19512.784	19757.272	-244.488	-0.705	-1.253	498.677	280.671	284.188	-3.517
1996	34582	19294.631	19619.882	-325.251	-0.941	-1.686	489.808	273.283	277.889	-4.607
1997	35267	19490.717	19919.751	-429.034	-1.217	-2.201	491.517	271.643	277.622	-5.979
1998	35675	19571.902	20036.660	-464.758	-1.303	-2.375	489.172	268.368	274.741	-6.373
1999	38516	21022.469	21577.179	-554.711	-1.440	-2.639	519.919	283.777	291.265	-7.488
2000	36283	19687.992	20258.829	-570.837	-1.573	-2.899	482.656	261.900	269.494	-7.594
2001	36281	19625.032	20240.718	-615.686	-1.697	-3.137	476.394	257.690	265.774	-8.084
2002	35983	19408.801	20050.483	-641.683	-1.783	-3.306	467.122	251.960	260.290	-8.330
2003	36205	19481.360	20188.991	-707.631	-1.955	-3.632	464.974	250.195	259.283	-9.088
2004	34611	18541.224	19267.727	-726.503	-2.099	-3.918	439.544	235.465	244.691	-9.226
2005	36826	19692.114	20506.226	-814.112	-2.211	-4.134	462.043	247.070	257.284	-10.214
2006	34350	18220.663	19067.376	-846.713	-2.465	-4.647	426.820	226.403	236.924	-10.521
2007	35326	18620.282	19541.234	-920.953	-2.607	-4.946	434.168	228.849	240.168	-11.319
2008	38248	20183.701	21175.577	-991.877	-2.593	-4.914	464.487	245.112	257.158	-12.045
2009	36902	19371.930	20359.687	-987.757	-2.677	-5.099	442.580	232.335	244.182	-11.847

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	400675.246	-10234.3	-1.436	-2.621	481.512	263.774	270.688	-6.914

Results for PHIM for Run 26 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA5
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_12_Vary_starting_restarting_rates
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

		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 26 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

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

****

STP values for Run: 26, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Assumption Set	SET2RA5

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000720	0.000240	0.000240
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.002160	0.000720	0.000720
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.002880	0.000960	0.000960
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.002880	0.000960	0.000960
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.003600	0.001200	0.001200
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.003600	0.001200	0.001200
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.004320	0.001440	0.001440
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.005040	0.001680	0.001680
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.005760	0.001920	0.001920
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000480	0.000480	0.000240
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.001440	0.001440	0.000720
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.001920	0.001920	0.000960
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.001920	0.001920	0.000960
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.002400	0.002400	0.001200
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.002400	0.002400	0.001200
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.002880	0.002880	0.001440
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.003360	0.003360	0.001680
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.003840	0.003840	0.001920

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

Results for PHIM for Run 26 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2247.00	24.75	588.00	21.98			
5	All Ages	Current MRTP	262.00	2.89					
5	All Ages	Current Dual	166.00	1.83					
5	All Ages	Former	1519.00	16.73			13.74	141.00	9.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 26 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	227.00	26.90	9.00	3.41			
5	20-24	Current MRTP	22.00	2.61					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	22.00	2.61			2.82	8.00	36.36
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	220.00	26.47	44.00	16.60			
5	25-29	Current MRTP	23.00	2.77					
5	25-29	Current Dual	22.00	2.65					
5	25-29	Former	103.00	12.39			5.22	13.00	12.62
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	293.00	29.33	50.00	15.02			
5	30-34	Current MRTP	22.00	2.20					
5	30-34	Current Dual	18.00	1.80					
5	30-34	Former	144.00	14.41			7.62	13.00	9.03
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	327.00	29.14	62.00	16.45			
5	35-39	Current MRTP	37.00	3.30					
5	35-39	Current Dual	13.00	1.16					
5	35-39	Former	184.00	16.40			8.33	19.00	10.33
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	232.00	23.92	54.00	20.30			
5	40-44	Current MRTP	25.00	2.58					
5	40-44	Current Dual	9.00	0.93					
5	40-44	Former	207.00	21.34			11.63	15.00	7.25
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	191.00	23.55	53.00	23.14			
5	45-49	Current MRTP	28.00	3.45					
5	45-49	Current Dual	10.00	1.23					
5	45-49	Former	160.00	19.73			10.68	18.00	11.25
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	161.00	25.93	42.00	22.70			
5	50-54	Current MRTP	13.00	2.09					
5	50-54	Current Dual	11.00	1.77					
5	50-54	Former	135.00	21.74			14.50	15.00	11.11
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	132.00	24.67	37.00	23.27			
5	55-59	Current MRTP	17.00	3.18					
5	55-59	Current Dual	10.00	1.87					
5	55-59	Former	124.00	23.18			14.60	8.00	6.45
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	114.00	23.36	40.00	28.57			
5	60-64	Current MRTP	15.00	3.07					
5	60-64	Current Dual	11.00	2.25					
5	60-64	Former	98.00	20.08			19.02	8.00	8.16
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	135.00	25.19	66.00	39.76			
5	65-69	Current MRTP	19.00	3.54					
5	65-69	Current Dual	12.00	2.24					
5	65-69	Former	110.00	20.52			21.22	8.00	7.27
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	101.00	18.74	60.00	46.15			
5	70-74	Current MRTP	18.00	3.34					
5	70-74	Current Dual	11.00	2.04					
5	70-74	Former	129.00	23.93			22.72	9.00	6.98

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	83.00	17.08	71.00	60.68			
5	75-79	Current MRTP	18.00	3.70					
5	75-79	Current Dual	16.00	3.29					
5	75-79	Former	102.00	20.99			25.73	6.00	5.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	2135.00	23.44	856.00	29.83			
10	All Ages	Current MRTP	486.00	5.34					
10	All Ages	Current Dual	249.00	2.73					
10	All Ages	Former	1341.00	14.72			13.38	178.00	13.27

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	2.00	1.03			
10	20-24	Current MRTP	29.00	3.57					
10	20-24	Current Dual	29.00	3.57					
10	20-24	Former	17.00	2.09			2.47	6.00	35.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	218.00	25.83	19.00	6.71			
10	25-29	Current MRTP	38.00	4.50					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	38.00	4.50			3.87	13.00	34.21

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	208.00	25.03	60.00	21.74			
10	30-34	Current MRTP	38.00	4.57					
10	30-34	Current Dual	30.00	3.61					
10	30-34	Former	114.00	13.72			8.07	15.00	13.16

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	282.00	28.23	89.00	24.93			
10	35-39	Current MRTP	42.00	4.20					
10	35-39	Current Dual	33.00	3.30					
10	35-39	Former	132.00	13.21			9.86	14.00	10.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	297.00	26.47	101.00	27.30			
10	40-44	Current MRTP	53.00	4.72					
10	40-44	Current Dual	20.00	1.78					
10	40-44	Former	191.00	17.02			10.01	26.00	13.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	207.00	21.34	103.00	35.52			
10	45-49	Current MRTP	61.00	6.29					
10	45-49	Current Dual	22.00	2.27					
10	45-49	Former	183.00	18.87			13.79	15.00	8.20

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_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	186.00	22.93	85.00	35.27			
10	50-54	Current MRTP	41.00	5.06					
10	50-54	Current Dual	14.00	1.73					
10	50-54	Former	148.00	18.25			13.57	10.00	6.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	147.00	23.67	72.00	36.18			
10	55-59	Current MRTP	38.00	6.12					
10	55-59	Current Dual	14.00	2.25					
10	55-59	Former	121.00	19.48			16.23	13.00	10.74
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	126.00	23.55	73.00	40.33			
10	60-64	Current MRTP	38.00	7.10					
10	60-64	Current Dual	17.00	3.18					
10	60-64	Former	102.00	19.07			16.41	11.00	10.78
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	109.00	22.34	64.00	42.38			
10	65-69	Current MRTP	29.00	5.94					
10	65-69	Current Dual	13.00	2.66					
10	65-69	Former	87.00	17.83			17.09	13.00	14.94
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	118.00	22.01	89.00	51.74			
10	70-74	Current MRTP	41.00	7.65					
10	70-74	Current Dual	13.00	2.43					
10	70-74	Former	104.00	19.40			18.26	17.00	16.35
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	100.00	18.55	99.00	63.87			
10	75-79	Current MRTP	38.00	7.05					
10	75-79	Current Dual	17.00	3.15					
10	75-79	Former	104.00	19.29			19.89	25.00	24.04
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1854.00	21.63	992.00	35.90			
15	All Ages	Current MRTP	598.00	6.98					
15	All Ages	Current Dual	311.00	3.63					
15	All Ages	Former	1284.00	14.98			12.32	212.00	16.51
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	146.00	17.96	8.00	3.40			
15	25-29	Current MRTP	49.00	6.03					
15	25-29	Current Dual	40.00	4.92					
15	25-29	Former	32.00	3.94			3.50	14.00	43.75
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

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15	30-34	Current CC	199.00	23.58	28.00	9.59			
15	30-34	Current MRTP	61.00	7.23					
15	30-34	Current Dual	32.00	3.79					
15	30-34	Former	62.00	7.35			5.34	18.00	29.03
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	190.00	22.86	92.00	33.09			
15	35-39	Current MRTP	52.00	6.26					
15	35-39	Current Dual	36.00	4.33					
15	35-39	Former	119.00	14.32			9.14	19.00	15.97
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	510.00	51.05					
15	40-44	Current CC	261.00	26.13	112.00	31.82			
15	40-44	Current MRTP	54.00	5.41					
15	40-44	Current Dual	37.00	3.70					
15	40-44	Former	137.00	13.71			11.41	14.00	10.22
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	271.00	24.15	131.00	34.93			
15	45-49	Current MRTP	72.00	6.42					
15	45-49	Current Dual	32.00	2.85					
15	45-49	Former	186.00	16.58			12.06	24.00	12.90
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	191.00	19.69	140.00	47.14			
15	50-54	Current MRTP	75.00	7.73					
15	50-54	Current Dual	31.00	3.20					
15	50-54	Former	176.00	18.14			13.61	27.00	15.34
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	173.00	21.33	115.00	46.18			
15	55-59	Current MRTP	52.00	6.41					
15	55-59	Current Dual	24.00	2.96					
15	55-59	Former	140.00	17.26			13.10	21.00	15.00
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	126.00	20.29	95.00	47.74			
15	60-64	Current MRTP	58.00	9.34					
15	60-64	Current Dual	15.00	2.42					
15	60-64	Former	121.00	19.48			15.35	12.00	9.92
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	111.00	20.75	82.00	48.52			
15	65-69	Current MRTP	38.00	7.10					
15	65-69	Current Dual	20.00	3.74					
15	65-69	Former	114.00	21.31			15.65	15.00	13.16
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	250.00	51.23					
15	70-74	Current CC	93.00	19.06	86.00	56.95			
15	70-74	Current MRTP	38.00	7.79					
15	70-74	Current Dual	20.00	4.10					
15	70-74	Former	87.00	17.83			13.71	18.00	20.69
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	93.00	17.35	103.00	62.05			
15	75-79	Current MRTP	49.00	9.14					
15	75-79	Current Dual	24.00	4.48					
15	75-79	Former	110.00	20.52			12.94	30.00	27.27
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1649.00	20.53	1089.00	41.85			

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20	All Ages	Current MRTP	621.00	7.73					
20	All Ages	Current Dual	332.00	4.13					
20	All Ages	Former	1206.00	15.01			12.64	178.00	14.76
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	143.00	17.59	16.00	6.67			
20	30-34	Current MRTP	55.00	6.77					
20	30-34	Current Dual	42.00	5.17					
20	30-34	Former	52.00	6.40			5.40	11.00	21.15
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	179.00	21.21	41.00	14.49			
20	35-39	Current MRTP	66.00	7.82					
20	35-39	Current Dual	38.00	4.50					
20	35-39	Former	83.00	9.83			6.58	21.00	25.30
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	168.00	20.22	98.00	37.69			
20	40-44	Current MRTP	60.00	7.22					
20	40-44	Current Dual	32.00	3.85					
20	40-44	Former	137.00	16.49			10.92	12.00	8.76
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	242.00	24.22	134.00	38.40			
20	45-49	Current MRTP	66.00	6.61					
20	45-49	Current Dual	41.00	4.10					
20	45-49	Former	140.00	14.01			12.65	10.00	7.14
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	254.00	22.64	160.00	42.78			
20	50-54	Current MRTP	83.00	7.40					
20	50-54	Current Dual	37.00	3.30					
20	50-54	Former	187.00	16.67			13.08	26.00	13.90
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	497.00	51.24					
20	55-59	Current CC	178.00	18.35	165.00	55.56			
20	55-59	Current MRTP	79.00	8.14					
20	55-59	Current Dual	40.00	4.12					
20	55-59	Former	176.00	18.14			14.61	25.00	14.20
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	172.00	21.21	145.00	56.20			
20	60-64	Current MRTP	53.00	6.54					

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20	60-64	Current Dual	33.00	4.07					
20	60-64	Former	131.00	16.15			14.08	18.00	13.74

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	115.00	18.52	116.00	56.59			
20	65-69	Current MRTP	63.00	10.14					
20	65-69	Current Dual	27.00	4.35					
20	65-69	Former	115.00	18.52			14.07	17.00	14.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	110.00	20.56	112.00	60.87			
20	70-74	Current MRTP	47.00	8.79					
20	70-74	Current Dual	27.00	5.05					
20	70-74	Former	99.00	18.50			15.57	13.00	13.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	88.00	18.03	102.00	67.11			
20	75-79	Current MRTP	49.00	10.04					
20	75-79	Current Dual	15.00	3.07					
20	75-79	Former	86.00	17.62			13.16	25.00	29.07

****

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	59279.359	-151.498	-0.076	-0.256	2826.86	839.248	841.398	-2.150
1992	198532	60226.142	60686.056	-459.914	-0.232	-0.764	2778.64	842.922	849.359	-6.437
1993	202512	62332.320	63123.865	-791.545	-0.391	-1.270	2793.47	859.818	870.736	-10.919
1994	200658	62691.239	63889.120	-1197.88	-0.597	-1.911	2725.82	851.622	867.895	-16.272
1995	201023	63132.954	64722.687	-1589.73	-0.791	-2.518	2687.54	844.043	865.297	-21.254
1996	201180	64309.880	66351.748	-2041.87	-1.015	-3.175	2653.67	848.280	875.213	-26.933
1997	198639	64547.894	66887.978	-2340.08	-1.178	-3.625	2583.39	839.475	869.909	-30.434
1998	197573	65384.866	67933.434	-2548.57	-1.290	-3.898	2533.29	838.367	871.045	-32.678
1999	211329	67554.762	70561.810	-3007.05	-1.423	-4.451	2673.14	854.513	892.550	-38.037
2000	208496	68184.366	71389.353	-3204.99	-1.537	-4.700	2604.20	851.652	891.683	-40.032
2001	203606	68286.060	71489.339	-3203.28	-1.573	-4.691	2514.65	843.372	882.935	-39.562
2002	200828	68983.996	72380.403	-3396.41	-1.691	-4.923	2455.47	843.450	884.977	-41.527
2003	196352	68717.830	72082.416	-3364.59	-1.714	-4.896	2377.49	832.057	872.797	-40.739
2004	188160	67344.952	70503.807	-3158.86	-1.679	-4.691	2254.66	806.974	844.825	-37.852
2005	186416	67846.650	71030.784	-3184.13	-1.708	-4.693	2208.07	803.634	841.349	-37.716
2006	180088	66622.465	69446.285	-2823.82	-1.568	-4.239	2113.55	781.893	815.034	-33.141
2007	175644	65977.201	68868.327	-2891.13	-1.646	-4.382	2039.92	766.256	799.834	-33.577
2008	177570	67121.344	70002.166	-2880.82	-1.622	-4.292	2039.03	770.751	803.831	-33.080
2009	172806	66622.993	69169.015	-2546.02	-1.473	-3.822	1961.22	756.123	785.018	-28.896

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	1347098.540	-44782.2	-1.148	-3.439	2465.77	823.300	851.610	-28.310

****

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_12_Vary_starting_restarting_rates.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	31565.719	-35.700	-0.082	-0.113	620.154	447.530	448.037	-0.507
1992	45423	32811.446	32931.796	-120.349	-0.265	-0.367	635.738	459.227	460.912	-1.684
1993	46291	33467.735	33677.954	-210.218	-0.454	-0.628	638.542	461.657	464.557	-2.900
1994	47017	33989.389	34320.905	-331.516	-0.705	-0.975	638.697	461.725	466.229	-4.503
1995	47840	34566.580	35016.077	-449.497	-0.940	-1.300	639.587	462.131	468.140	-6.009
1996	48244	34997.958	35576.381	-578.424	-1.199	-1.653	636.363	461.641	469.271	-7.630
1997	49035	35549.658	36232.197	-682.540	-1.392	-1.920	637.723	462.340	471.216	-8.877
1998	49686	36138.033	36876.825	-738.792	-1.487	-2.044	637.076	463.363	472.836	-9.473
1999	48883	35506.142	36318.215	-812.073	-1.661	-2.287	618.331	449.124	459.396	-10.272
2000	50331	36573.306	37468.407	-895.101	-1.778	-2.447	628.656	456.816	467.996	-11.180
2001	50389	36733.445	37636.834	-903.389	-1.793	-2.459	622.333	453.679	464.837	-11.157
2002	51445	37627.700	38587.011	-959.311	-1.865	-2.549	629.005	460.065	471.794	-11.729
2003	51408	37552.784	38518.375	-965.591	-1.878	-2.571	622.464	454.701	466.393	-11.692
2004	51399	37527.823	38479.448	-951.625	-1.851	-2.536	615.898	449.684	461.087	-11.403
2005	51421	37486.186	38459.099	-972.913	-1.892	-2.595	609.074	444.018	455.542	-11.524
2006	51355	37409.496	38293.842	-884.346	-1.722	-2.364	602.712	439.045	449.424	-10.379
2007	51839	37602.867	38557.375	-954.507	-1.841	-2.538	602.056	436.718	447.804	-11.086
2008	50976	36986.957	37908.880	-921.923	-1.809	-2.493	585.355	424.719	435.306	-10.586
2009	51193	37201.944	38038.669	-836.725	-1.634	-2.249	581.003	422.215	431.711	-9.496

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	725109.380	-13204.5	-1.347	-1.855	619.890	450.053	458.401	-8.348

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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	12729.770	-66.790	-0.069	-0.527	1368.32	179.735	180.684	-0.948
1992	93721	12337.995	12524.464	-186.468	-0.199	-1.511	1311.71	172.682	175.292	-2.610
1993	93679	12401.934	12711.127	-309.193	-0.330	-2.493	1292.22	171.073	175.338	-4.265
1994	90832	12128.576	12578.106	-449.530	-0.495	-3.706	1233.90	164.759	170.866	-6.107
1995	89698	11958.696	12550.676	-591.980	-0.660	-4.950	1199.20	159.879	167.794	-7.914
1996	88286	12020.749	12758.706	-737.957	-0.836	-6.139	1164.54	158.560	168.294	-9.734
1997	84777	11593.724	12416.807	-823.084	-0.971	-7.099	1102.56	150.782	161.486	-10.705
1998	82517	11337.035	12229.898	-892.863	-1.082	-7.876	1058.04	145.364	156.812	-11.448
1999	93939	13027.458	14150.329	-1122.87	-1.195	-8.619	1188.25	164.787	178.990	-14.203
2000	90039	12607.547	13787.367	-1179.82	-1.310	-9.358	1124.63	157.474	172.210	-14.736
2001	86119	12350.451	13512.890	-1162.44	-1.350	-9.412	1063.62	152.535	166.892	-14.357
2002	83014	12112.097	13347.921	-1235.82	-1.489	-10.203	1014.99	148.092	163.202	-15.110
2003	79302	11683.252	12882.382	-1199.13	-1.512	-10.264	960.214	141.465	155.984	-14.519
2004	73861	11139.095	12226.598	-1087.50	-1.472	-9.763	885.053	133.476	146.508	-13.031
2005	71649	10884.683	11958.123	-1073.44	-1.498	-9.862	848.672	128.927	141.642	-12.715
2006	67551	10397.565	11357.184	-959.619	-1.421	-9.229	792.791	122.028	133.290	-11.262
2007	63503	9785.831	10688.733	-902.902	-1.422	-9.227	737.521	113.652	124.138	-10.486
2008	63171	9922.524	10816.664	-894.140	-1.415	-9.011	725.389	113.940	124.207	-10.267
2009	59747	9483.598	10261.796	-778.198	-1.302	-8.206	678.085	107.632	116.464	-8.832

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	248136.302	-15653.8	-0.948	-6.733	1043.56	146.971	156.867	-9.896

****

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_12_Vary_starting_restarting_rates.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	3140.004	-23.988	-0.074	-0.770	461.369	44.228	44.569	-0.340
1992	32560	3095.448	3162.257	-66.809	-0.205	-2.158	455.708	43.324	44.259	-0.935
1993	32768	3114.516	3219.758	-105.241	-0.321	-3.379	452.005	42.962	44.414	-1.452
1994	33005	3168.398	3320.449	-152.051	-0.461	-4.799	448.353	43.041	45.106	-2.066
1995	33730	3200.274	3399.345	-199.071	-0.590	-6.220	450.946	42.785	45.447	-2.661
1996	33750	3234.738	3473.565	-238.826	-0.708	-7.383	445.180	42.668	45.818	-3.150
1997	33699	3240.665	3519.446	-278.781	-0.827	-8.603	438.271	42.146	45.772	-3.626
1998	33274	3171.578	3469.659	-298.081	-0.896	-9.399	426.640	40.666	44.488	-3.822
1999	33891	3153.786	3472.420	-318.634	-0.940	-10.103	428.694	39.893	43.923	-4.030
2000	33827	3237.043	3571.439	-334.396	-0.989	-10.330	422.514	40.432	44.609	-4.177
2001	32506	3110.972	3431.109	-320.138	-0.985	-10.291	401.468	38.422	42.376	-3.954
2002	32078	3123.298	3469.026	-345.729	-1.078	-11.069	392.210	38.188	42.415	-4.227
2003	30568	3025.984	3347.000	-321.016	-1.050	-10.609	370.127	36.640	40.527	-3.887
2004	29388	2983.453	3266.002	-282.549	-0.961	-9.471	352.147	35.750	39.135	-3.386
2005	27954	2926.679	3194.251	-267.572	-0.957	-9.143	331.111	34.666	37.835	-3.169
2006	27201	2889.308	3134.864	-245.556	-0.903	-8.499	319.236	33.909	36.791	-2.882
2007	26302	2810.025	3040.938	-230.913	-0.878	-8.217	305.470	32.636	35.317	-2.682
2008	25998	2773.025	3003.305	-230.280	-0.886	-8.304	298.534	31.843	34.487	-2.644
2009	25040	2723.293	2926.189	-202.896	-0.810	-7.450	284.186	30.907	33.210	-2.303

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	65754.271	-4462.53	-0.716	-7.281	394.195	38.747	41.569	-2.821

****

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	11843.866	-25.019	-0.094	-0.212	377.015	167.754	168.109	-0.355
1992	26828	11981.252	12067.539	-86.287	-0.322	-0.720	375.483	167.689	168.897	-1.208
1993	29774	13348.134	13515.026	-166.892	-0.561	-1.250	410.705	184.125	186.427	-2.302
1994	29804	13404.876	13669.659	-264.783	-0.888	-1.975	404.869	182.097	185.694	-3.597
1995	29755	13407.404	13756.589	-349.185	-1.174	-2.604	397.803	179.248	183.916	-4.668
1996	30900	14056.435	14543.096	-486.661	-1.575	-3.462	407.587	185.412	191.831	-6.419
1997	31128	14163.848	14719.527	-555.679	-1.785	-3.923	404.834	184.207	191.434	-7.227
1998	32096	14738.220	15357.052	-618.832	-1.928	-4.199	411.536	188.974	196.909	-7.935
1999	34616	15867.376	16620.846	-753.470	-2.177	-4.749	437.865	200.710	210.240	-9.531
2000	34299	15766.470	16562.140	-795.670	-2.320	-5.047	428.409	196.930	206.868	-9.938
2001	34592	16091.193	16908.505	-817.313	-2.363	-5.079	427.231	198.736	208.830	-10.094
2002	34291	16120.902	16976.445	-855.543	-2.495	-5.307	419.268	197.106	207.567	-10.461
2003	35074	16455.810	17334.659	-878.849	-2.506	-5.341	424.687	199.252	209.894	-10.641
2004	33512	15694.580	16531.758	-837.178	-2.498	-5.334	401.564	188.063	198.095	-10.032
2005	35392	16549.102	17419.310	-870.208	-2.459	-5.258	419.213	196.022	206.329	-10.307
2006	33981	15926.096	16660.394	-734.298	-2.161	-4.611	398.807	186.912	195.529	-8.618
2007	34000	15778.477	16581.281	-802.804	-2.361	-5.088	394.875	183.251	192.574	-9.324
2008	37425	17438.838	18273.317	-834.479	-2.230	-4.785	429.749	200.249	209.832	-9.582
2009	36826	17214.158	17942.360	-728.203	-1.977	-4.230	417.948	195.368	203.633	-8.265

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	308098.587	-11461.4	-1.775	-3.864	408.132	187.528	194.774	-7.246

Results for PHIM for Run 27 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA6
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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	SET2RA6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.001440	0.000480	0.000480
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.004320	0.001440	0.001440
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.005760	0.001920	0.001920
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.007200	0.002400	0.002400
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.007200	0.002400	0.002400
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.008640	0.002880	0.002880
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.010080	0.003360	0.003360
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.011520	0.003840	0.003840
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000960	0.000960	0.000480
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.002880	0.002880	0.001440
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.003840	0.003840	0.001920
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.004800	0.004800	0.002400
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.004800	0.004800	0.002400
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.005760	0.005760	0.002880
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.006720	0.006720	0.003360
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.007680	0.007680	0.003840

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

Results for PHIM for Run 27 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 27, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 27 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2975.00	32.42	1235.00	32.77			
5	All Ages	Current MRTP	489.00	5.33					
5	All Ages	Current Dual	305.00	3.32					
5	All Ages	Former	1507.00	16.42			13.56	223.00	14.80

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	279.00	82.30					
5	18-19	Current CC	41.00	12.09	1.00	1.69			
5	18-19	Current MRTP	8.00	2.36					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	1.00	0.29			0.00	1.00	100.00

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

Results for PHIM for Run 27 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	243.00	26.56	13.00	4.71			
5	20-24	Current MRTP	17.00	1.86					
5	20-24	Current Dual	16.00	1.75					
5	20-24	Former	20.00	2.19			2.65	7.00	35.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	299.00	31.21	41.00	11.88			
5	25-29	Current MRTP	35.00	3.65					
5	25-29	Current Dual	11.00	1.15					
5	25-29	Former	78.00	8.14			4.26	23.00	29.49
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	385.00	35.85	78.00	17.45			
5	30-34	Current MRTP	36.00	3.35					
5	30-34	Current Dual	26.00	2.42					
5	30-34	Former	133.00	12.38			5.63	28.00	21.05
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	377.00	34.81	105.00	23.76			
5	35-39	Current MRTP	44.00	4.06					
5	35-39	Current Dual	21.00	1.94					
5	35-39	Former	163.00	15.05			6.78	31.00	19.02
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	333.00	34.22	118.00	29.50			
5	40-44	Current MRTP	39.00	4.01					
5	40-44	Current Dual	28.00	2.88					
5	40-44	Former	167.00	17.16			12.05	18.00	10.78
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	297.00	34.58	128.00	34.69			
5	45-49	Current MRTP	42.00	4.89					
5	45-49	Current Dual	30.00	3.49					
5	45-49	Former	182.00	21.19			12.69	17.00	9.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	236.00	37.46	109.00	36.09			
5	50-54	Current MRTP	44.00	6.98					
5	50-54	Current Dual	22.00	3.49					
5	50-54	Former	136.00	21.59			16.64	8.00	5.88
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	181.00	34.54	103.00	43.10			
5	55-59	Current MRTP	41.00	7.82					
5	55-59	Current Dual	17.00	3.24					
5	55-59	Former	130.00	24.81			15.45	24.00	18.46
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	167.00	32.43	133.00	54.07			
5	60-64	Current MRTP	45.00	8.74					
5	60-64	Current Dual	34.00	6.60					
5	60-64	Former	128.00	24.85			18.38	12.00	9.38
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	165.00	33.00	128.00	54.01			
5	65-69	Current MRTP	47.00	9.40					
5	65-69	Current Dual	25.00	5.00					
5	65-69	Former	143.00	28.60			20.27	18.00	12.59
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	133.00	29.69	145.00	68.72			
5	70-74	Current MRTP	46.00	10.27					
5	70-74	Current Dual	32.00	7.14					
5	70-74	Former	131.00	29.24			16.86	26.00	19.85
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	118.00	32.87	133.00	67.86			
5	75-79	Current MRTP	45.00	12.53					
5	75-79	Current Dual	33.00	9.19					
5	75-79	Former	95.00	26.46			22.54	10.00	10.53
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2897.00	30.90	1652.00	40.14			
10	All Ages	Current MRTP	801.00	8.54					
10	All Ages	Current Dual	418.00	4.46					
10	All Ages	Former	1186.00	12.65			10.85	293.00	24.70
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	7.00	2.75			
10	20-24	Current MRTP	41.00	4.58					
10	20-24	Current Dual	45.00	5.02					
10	20-24	Former	14.00	1.56			1.36	8.00	57.14
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	28.00	8.62			
10	25-29	Current MRTP	35.00	3.83					
10	25-29	Current Dual	39.00	4.26					
10	25-29	Former	37.00	4.04			3.27	16.00	43.24
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	284.00	29.65	77.00	20.10			
10	30-34	Current MRTP	70.00	7.31					
10	30-34	Current Dual	29.00	3.03					
10	30-34	Former	76.00	7.93			6.34	15.00	19.74
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	365.00	33.99	142.00	29.52			
10	35-39	Current MRTP	76.00	7.08					
10	35-39	Current Dual	40.00	3.72					
10	35-39	Former	105.00	9.78			7.91	21.00	20.00
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	348.00	32.13	171.00	37.09			
10	40-44	Current MRTP	83.00	7.66					
10	40-44	Current Dual	30.00	2.77					
10	40-44	Former	144.00	13.30			8.21	29.00	20.14
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	322.00	33.09	175.00	40.42			
10	45-49	Current MRTP	74.00	7.61					
10	45-49	Current Dual	37.00	3.80					
10	45-49	Former	134.00	13.77			12.48	25.00	18.66
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_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	291.00	33.88	193.00	47.65			
10	50-54	Current MRTP	76.00	8.85					
10	50-54	Current Dual	38.00	4.42					
10	50-54	Former	146.00	17.00			12.40	18.00	12.33
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	215.00	34.13	158.00	49.22			
10	55-59	Current MRTP	75.00	11.90					
10	55-59	Current Dual	31.00	4.92					
10	55-59	Former	117.00	18.57			13.52	26.00	22.22
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	174.00	33.21	144.00	55.60			
10	60-64	Current MRTP	62.00	11.83					
10	60-64	Current Dual	23.00	4.39					
10	60-64	Former	110.00	20.99			12.37	25.00	22.73
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	167.00	32.43	173.00	64.07			
10	65-69	Current MRTP	63.00	12.23					
10	65-69	Current Dual	40.00	7.77					
10	65-69	Former	104.00	20.19			14.01	31.00	29.81
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	172.00	34.40	180.00	67.16			
10	70-74	Current MRTP	66.00	13.20					
10	70-74	Current Dual	30.00	6.00					
10	70-74	Former	112.00	22.40			12.16	42.00	37.50
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	139.00	31.03	204.00	80.00			
10	75-79	Current MRTP	80.00	17.86					
10	75-79	Current Dual	36.00	8.04					
10	75-79	Former	87.00	19.42			11.30	37.00	42.53
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	2608.00	29.21	1823.00	44.91			
15	All Ages	Current MRTP	966.00	10.82					
15	All Ages	Current Dual	485.00	5.43					
15	All Ages	Former	1000.00	11.20			9.39	263.00	26.30
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	565.00	63.06					
15	25-29	Current CC	180.00	20.09	20.00	6.60			
15	25-29	Current MRTP	66.00	7.37					
15	25-29	Current Dual	57.00	6.36					
15	25-29	Former	28.00	3.13			2.57	13.00	46.43
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

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15	30-34	Current CC	239.00	26.12	52.00	15.20			
15	30-34	Current MRTP	57.00	6.23					
15	30-34	Current Dual	46.00	5.03					
15	30-34	Former	48.00	5.25			3.88	17.00	35.42
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	261.00	27.24	112.00	28.50			
15	35-39	Current MRTP	90.00	9.39					
15	35-39	Current Dual	42.00	4.38					
15	35-39	Former	75.00	7.83			6.37	20.00	26.67
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	334.00	31.10	178.00	37.39			
15	40-44	Current MRTP	90.00	8.38					
15	40-44	Current Dual	52.00	4.84					
15	40-44	Former	110.00	10.24			7.91	21.00	19.09
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	334.00	30.84	222.00	45.59			
15	45-49	Current MRTP	111.00	10.25					
15	45-49	Current Dual	42.00	3.88					
15	45-49	Former	118.00	10.90			8.98	25.00	21.19
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	289.00	29.70	213.00	48.85			
15	50-54	Current MRTP	102.00	10.48					
15	50-54	Current Dual	45.00	4.62					
15	50-54	Former	131.00	13.46			11.11	28.00	21.37
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	273.00	31.78	233.00	55.61			
15	55-59	Current MRTP	106.00	12.34					
15	55-59	Current Dual	40.00	4.66					
15	55-59	Former	132.00	15.37			12.48	32.00	24.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	209.00	33.17	188.00	55.79			
15	60-64	Current MRTP	94.00	14.92					
15	60-64	Current Dual	34.00	5.40					
15	60-64	Former	101.00	16.03			10.84	29.00	28.71
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	165.00	31.49	176.00	63.31			
15	65-69	Current MRTP	80.00	15.27					
15	65-69	Current Dual	33.00	6.30					
15	65-69	Former	91.00	17.37			11.08	19.00	20.88
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	163.00	31.65	211.00	71.28			
15	70-74	Current MRTP	83.00	16.12					
15	70-74	Current Dual	50.00	9.71					
15	70-74	Former	78.00	15.15			10.08	25.00	32.05
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	120.00	24.00					
15	75-79	Current CC	161.00	32.20	218.00	74.66			
15	75-79	Current MRTP	87.00	17.40					
15	75-79	Current Dual	44.00	8.80					
15	75-79	Former	88.00	17.60			8.33	34.00	38.64
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	2255.00	26.76	1868.00	49.34			

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20	All Ages	Current MRTP	1052.00	12.48					
20	All Ages	Current Dual	479.00	5.68					
20	All Ages	Former	921.00	10.93			7.40	275.00	29.86
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	178.00	19.87	43.00	14.05			
20	30-34	Current MRTP	74.00	8.26					
20	30-34	Current Dual	54.00	6.03					
20	30-34	Former	43.00	4.80			3.70	14.00	32.56
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	212.00	23.17	75.00	21.68			
20	35-39	Current MRTP	81.00	8.85					
20	35-39	Current Dual	53.00	5.79					
20	35-39	Former	54.00	5.90			5.00	17.00	31.48
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	238.00	24.84	141.00	35.34			
20	40-44	Current MRTP	109.00	11.38					
20	40-44	Current Dual	52.00	5.43					
20	40-44	Former	69.00	7.20			6.68	15.00	21.74
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	311.00	28.96	206.00	43.37			
20	45-49	Current MRTP	113.00	10.52					
20	45-49	Current Dual	51.00	4.75					
20	45-49	Former	111.00	10.34			7.68	34.00	30.63
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	291.00	26.87	248.00	51.88			
20	50-54	Current MRTP	142.00	13.11					
20	50-54	Current Dual	45.00	4.16					
20	50-54	Former	127.00	11.73			7.82	28.00	22.05
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	406.00	41.73					
20	55-59	Current CC	270.00	27.75	239.00	54.94			
20	55-59	Current MRTP	117.00	12.02					
20	55-59	Current Dual	48.00	4.93					
20	55-59	Former	132.00	13.57			7.98	44.00	33.33
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	251.00	29.22	256.00	60.95			
20	60-64	Current MRTP	118.00	13.74					

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20	60-64	Current Dual	51.00	5.94					
20	60-64	Former	131.00	15.25			10.87	28.00	21.37

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	192.00	30.48					
20	65-69	Current CC	196.00	31.11	230.00	65.90			
20	65-69	Current MRTP	113.00	17.94					
20	65-69	Current Dual	40.00	6.35					
20	65-69	Former	89.00	14.13			6.10	29.00	32.58

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	151.00	28.82	202.00	70.63			
20	70-74	Current MRTP	95.00	18.13					
20	70-74	Current Dual	40.00	7.63					
20	70-74	Former	83.00	15.84			8.07	28.00	33.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	157.00	30.49	228.00	78.08			
20	75-79	Current MRTP	90.00	17.48					
20	75-79	Current Dual	45.00	8.74					
20	75-79	Former	82.00	15.92			4.77	38.00	46.34

****

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	124741.834	-609.251	-0.195	-0.491	4845.61	1920.39	1929.81	-9.425
1992	308577	122143.718	123723.428	-1579.71	-0.512	-1.293	4692.62	1857.47	1881.50	-24.023
1993	311713	123269.216	125858.489	-2589.27	-0.831	-2.101	4656.77	1841.55	1880.23	-38.682
1994	305700	120480.723	124105.486	-3624.76	-1.186	-3.009	4482.57	1766.64	1819.79	-53.151
1995	303225	118666.569	123406.369	-4739.80	-1.563	-3.994	4361.58	1706.89	1775.07	-68.177
1996	299559	116607.195	122288.972	-5681.78	-1.897	-4.873	4242.85	1651.58	1732.06	-80.475
1997	294226	114665.051	121193.910	-6528.86	-2.219	-5.694	4100.64	1598.09	1689.08	-90.993
1998	289258	113038.380	120373.666	-7335.29	-2.536	-6.489	3966.28	1549.97	1650.55	-100.58
1999	311002	117067.463	125850.444	-8782.98	-2.824	-7.502	4198.14	1580.27	1698.83	-118.56
2000	303786	114977.407	124387.635	-9410.23	-3.098	-8.184	4041.13	1529.49	1654.67	-125.18
2001	296294	113047.319	122859.293	-9811.97	-3.312	-8.680	3890.54	1484.39	1613.22	-128.84
2002	291898	111744.742	121970.757	-10226.0	-3.503	-9.151	3789.34	1450.64	1583.39	-132.75
2003	285865	110551.854	121019.185	-10467.3	-3.662	-9.468	3671.31	1419.80	1554.23	-134.43
2004	274177	107418.262	117845.995	-10427.7	-3.803	-9.708	3481.92	1364.16	1496.59	-132.43
2005	272379	107678.770	118609.554	-10930.8	-4.013	-10.151	3417.44	1351.01	1488.15	-137.14
2006	264118	104357.806	115265.305	-10907.5	-4.130	-10.452	3281.83	1296.71	1432.24	-135.53
2007	258419	102690.449	113600.730	-10910.3	-4.222	-10.624	3176.05	1262.10	1396.19	-134.09
2008	259461	103492.166	114482.669	-10990.5	-4.236	-10.620	3150.91	1256.82	1390.29	-133.47
2009	253907	101384.044	112205.896	-10821.9	-4.262	-10.674	3045.20	1215.94	1345.73	-129.79

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	2419619.581	-146376	-2.518	-6.439	3927.78	1535.76	1634.65	-98.889

****

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_12_Vary_starting_restarting_rates.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	63167.018	-98.232	-0.125	-0.156	1213.84	975.702	977.222	-1.520
1992	77987	62535.347	62805.717	-270.369	-0.347	-0.432	1185.97	950.993	955.105	-4.112
1993	78542	62883.111	63334.946	-451.835	-0.575	-0.719	1173.36	939.428	946.178	-6.750
1994	77437	61805.804	62454.708	-648.904	-0.838	-1.050	1135.48	906.276	915.791	-9.515
1995	76904	61145.799	62014.059	-868.260	-1.129	-1.420	1106.18	879.519	892.008	-12.489
1996	76232	60385.323	61469.966	-1084.64	-1.423	-1.796	1079.72	855.277	870.640	-15.363
1997	75473	59549.806	60857.899	-1308.09	-1.733	-2.197	1051.87	829.947	848.178	-18.231
1998	75381	59292.315	60796.752	-1504.44	-1.996	-2.537	1033.62	813.010	833.639	-20.629
1999	73159	57398.351	59019.050	-1620.70	-2.215	-2.824	987.557	774.807	796.685	-21.877
2000	73784	57716.549	59534.383	-1817.83	-2.464	-3.150	981.515	767.777	791.959	-24.182
2001	73294	57211.877	59148.440	-1936.56	-2.642	-3.385	962.399	751.230	776.658	-25.428
2002	72442	56438.810	58472.507	-2033.70	-2.807	-3.603	940.422	732.673	759.074	-26.401
2003	71942	55948.341	58092.981	-2144.64	-2.981	-3.833	923.937	718.533	746.077	-27.543
2004	71301	55339.218	57573.726	-2234.51	-3.134	-4.038	905.490	702.783	731.160	-28.377
2005	70964	54964.459	57330.499	-2366.04	-3.334	-4.305	890.360	689.620	719.305	-29.686
2006	69658	53781.526	56218.411	-2436.88	-3.498	-4.531	865.543	668.268	698.548	-30.280
2007	68565	52784.985	55270.070	-2485.08	-3.624	-4.708	842.687	648.745	679.287	-30.543
2008	68226	52470.692	54959.503	-2488.81	-3.648	-4.743	828.542	637.208	667.432	-30.224
2009	67509	51823.021	54349.287	-2526.27	-3.742	-4.875	809.661	621.533	651.832	-30.298

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	1190314.328	-30325.8	-2.054	-2.614	997.213	783.665	804.153	-20.488

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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	37445.872	-378.488	-0.225	-1.021	2599.72	573.449	579.304	-5.855
1992	164548	35863.851	36820.314	-956.462	-0.581	-2.667	2502.33	545.392	559.937	-14.545
1993	164362	35459.800	37010.994	-1551.19	-0.944	-4.375	2455.45	529.744	552.917	-23.174
1994	159866	34293.631	36446.581	-2152.95	-1.347	-6.278	2344.16	502.857	534.427	-31.569
1995	158083	33531.695	36320.792	-2789.10	-1.764	-8.318	2273.86	482.318	522.437	-40.118
1996	154875	32438.163	35718.271	-3280.11	-2.118	-10.112	2193.60	459.443	505.901	-46.458
1997	149970	31179.663	34850.803	-3671.14	-2.448	-11.774	2090.14	434.552	485.717	-51.165
1998	145407	29860.736	33939.897	-4079.16	-2.805	-13.661	1993.81	409.447	465.380	-55.933
1999	165952	34413.904	39577.318	-5163.41	-3.111	-15.004	2240.15	464.545	534.245	-69.700
2000	160260	33265.290	38750.347	-5485.06	-3.423	-16.489	2131.87	442.513	515.478	-72.965
2001	154444	32074.102	37739.275	-5665.17	-3.668	-17.663	2027.95	421.154	495.542	-74.387
2002	151887	31817.956	37715.283	-5897.33	-3.883	-18.535	1971.76	413.052	489.610	-76.558
2003	146733	31025.931	36967.810	-5941.88	-4.049	-19.151	1884.46	398.460	474.770	-76.310
2004	138381	29503.602	35321.303	-5817.70	-4.204	-19.719	1757.38	374.682	448.564	-73.882
2005	135881	29077.894	35069.283	-5991.39	-4.409	-20.605	1704.85	364.830	440.002	-75.172
2006	131922	28385.448	34312.360	-5926.91	-4.493	-20.880	1639.21	352.707	426.352	-73.646
2007	126502	27327.625	33106.568	-5778.94	-4.568	-21.147	1554.75	335.866	406.891	-71.025
2008	125859	27025.472	32777.137	-5751.67	-4.570	-21.282	1528.44	328.199	398.048	-69.849
2009	122428	26361.626	31937.559	-5575.93	-4.554	-21.152	1468.33	316.165	383.039	-66.874

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	720210.667	-81854.0	-2.731	-12.823	2024.64	431.261	486.560	-55.299

****

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_12_Vary_starting_restarting_rates.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	4558.845	-70.862	-0.217	-1.579	504.630	69.431	70.527	-1.096
1992	32100	4371.196	4548.756	-177.560	-0.553	-4.062	488.154	66.474	69.174	-2.700
1993	32896	4414.136	4694.582	-280.445	-0.853	-6.353	491.442	65.944	70.134	-4.190
1994	33323	4474.895	4868.554	-393.658	-1.181	-8.797	488.625	65.617	71.389	-5.772
1995	33569	4476.290	4987.158	-510.868	-1.522	-11.413	482.855	64.387	71.735	-7.348
1996	33870	4489.078	5079.934	-590.856	-1.744	-13.162	479.723	63.582	71.950	-8.369
1997	33516	4444.866	5092.632	-647.766	-1.933	-14.573	467.113	61.948	70.976	-9.028
1998	32795	4313.427	5026.939	-713.513	-2.176	-16.542	449.682	59.145	68.929	-9.784
1999	33375	4232.739	5005.540	-772.801	-2.316	-18.258	450.521	57.137	67.569	-10.432
2000	33459	4307.577	5153.629	-846.051	-2.529	-19.641	445.090	57.302	68.556	-11.255
2001	32275	4136.308	5012.059	-875.750	-2.713	-21.172	423.792	54.312	65.812	-11.499
2002	31586	4079.175	4981.496	-902.321	-2.857	-22.120	410.041	52.955	64.668	-11.714
2003	30985	4096.221	4987.462	-891.240	-2.876	-21.758	397.934	52.607	64.053	-11.446
2004	29884	4034.217	4920.997	-886.780	-2.967	-21.981	379.513	51.233	62.494	-11.262
2005	28708	3944.303	4845.794	-901.492	-3.140	-22.856	360.189	49.488	60.798	-11.311
2006	28188	3970.169	4864.064	-893.895	-3.171	-22.515	350.253	49.332	60.439	-11.107
2007	28026	3957.558	4855.264	-897.706	-3.203	-22.683	344.449	48.640	59.673	-11.033
2008	27128	3812.302	4680.385	-868.083	-3.200	-22.771	329.444	46.297	56.839	-10.542
2009	27068	3827.467	4677.965	-850.498	-3.142	-22.221	324.637	45.904	56.105	-10.200

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	97429.651	-12972.1	-2.065	-15.359	424.421	57.058	65.822	-8.764

****

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	19570.099	-61.668	-0.181	-0.316	527.418	301.804	302.758	-0.954
1992	33942	19373.324	19548.642	-175.318	-0.517	-0.905	516.166	294.616	297.282	-2.666
1993	35913	20512.169	20817.968	-305.799	-0.851	-1.491	536.514	306.437	311.005	-4.568
1994	35074	19906.392	20335.643	-429.251	-1.224	-2.156	514.300	291.893	298.187	-6.294
1995	34669	19512.784	20084.360	-571.576	-1.649	-2.929	498.677	280.671	288.893	-8.222
1996	34582	19294.631	20020.800	-726.169	-2.100	-3.764	489.808	273.283	283.568	-10.285
1997	35267	19490.717	20392.575	-901.858	-2.557	-4.627	491.517	271.643	284.212	-12.569
1998	35675	19571.902	20610.078	-1038.18	-2.910	-5.304	489.172	268.368	282.603	-14.235
1999	38516	21022.469	22248.537	-1226.07	-3.183	-5.832	519.919	283.777	300.328	-16.550
2000	36283	19687.992	20949.277	-1261.29	-3.476	-6.406	482.656	261.900	278.679	-16.778
2001	36281	19625.032	20959.519	-1334.49	-3.678	-6.800	476.394	257.690	275.212	-17.523
2002	35983	19408.801	20801.471	-1392.67	-3.870	-7.175	467.122	251.960	270.039	-18.079
2003	36205	19481.360	20970.933	-1489.57	-4.114	-7.646	464.974	250.195	269.326	-19.130
2004	34611	18541.224	20029.969	-1488.74	-4.301	-8.029	439.544	235.465	254.371	-18.906
2005	36826	19692.114	21363.977	-1671.86	-4.540	-8.490	462.043	247.070	268.046	-20.976
2006	34350	18220.663	19870.470	-1649.81	-4.803	-9.055	426.820	226.403	246.903	-20.500
2007	35326	18620.282	20368.829	-1748.55	-4.950	-9.391	434.168	228.849	250.340	-21.490
2008	38248	20183.701	22065.645	-1881.94	-4.920	-9.324	464.487	245.112	267.967	-22.854
2009	36902	19371.930	21241.086	-1869.16	-5.065	-9.649	442.580	232.335	254.753	-22.418

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	411664.936	-21224.0	-2.978	-5.436	481.512	263.774	278.113	-14.338

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

System Date and Time: 20160411_152541
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	SET2RA6
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_12_Vary_starting_restarting_rates
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_12_Vary_starting_restarting_rates.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: 28, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	SET2RA6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.001440	0.000480	0.000480
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.004320	0.001440	0.001440
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.005760	0.001920	0.001920
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.005760	0.001920	0.001920
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.007200	0.002400	0.002400
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.007200	0.002400	0.002400
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.008640	0.002880	0.002880
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.010080	0.003360	0.003360
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.011520	0.003840	0.003840
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000960	0.000960	0.000480
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.002880	0.002880	0.001440
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.003840	0.003840	0.001920
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.003840	0.003840	0.001920
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.004800	0.004800	0.002400
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.004800	0.004800	0.002400
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.005760	0.005760	0.002880
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.006720	0.006720	0.003360
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.007680	0.007680	0.003840

****

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

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 28, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.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_12_Vary_starting_restarting_rates.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2448.00	26.96	935.00	30.94			
5	All Ages	Current MRTP	362.00	3.99					
5	All Ages	Current Dual	212.00	2.33					
5	All Ages	Former	1172.00	12.91			12.74	179.00	15.27

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	230.00	27.25	15.00	5.56			
5	20-24	Current MRTP	24.00	2.84					
5	20-24	Current Dual	16.00	1.90					
5	20-24	Former	16.00	1.90			2.25	8.00	50.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	237.00	28.52	66.00	23.00			
5	25-29	Current MRTP	32.00	3.85					
5	25-29	Current Dual	18.00	2.17					
5	25-29	Former	81.00	9.75			4.90	15.00	18.52
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	319.00	31.93	86.00	23.31			
5	30-34	Current MRTP	28.00	2.80					
5	30-34	Current Dual	22.00	2.20					
5	30-34	Former	108.00	10.81			6.85	17.00	15.74
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	561.00	50.00					
5	35-39	Current CC	354.00	31.55	111.00	26.06			
5	35-39	Current MRTP	43.00	3.83					
5	35-39	Current Dual	29.00	2.58					
5	35-39	Former	135.00	12.03			8.24	19.00	14.07
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	254.00	26.19	89.00	29.57			
5	40-44	Current MRTP	33.00	3.40					
5	40-44	Current Dual	14.00	1.44					
5	40-44	Former	172.00	17.73			11.49	17.00	9.88
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	211.00	26.02	85.00	32.57			
5	45-49	Current MRTP	35.00	4.32					
5	45-49	Current Dual	15.00	1.85					
5	45-49	Former	128.00	15.78			10.50	22.00	17.19
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	174.00	28.02	68.00	32.23			
5	50-54	Current MRTP	24.00	3.86					
5	50-54	Current Dual	13.00	2.09					
5	50-54	Former	109.00	17.55			14.41	17.00	15.60
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	139.00	25.98	65.00	34.76			
5	55-59	Current MRTP	33.00	6.17					
5	55-59	Current Dual	15.00	2.80					
5	55-59	Former	96.00	17.94			13.24	11.00	11.46
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	132.00	27.05	62.00	38.27			
5	60-64	Current MRTP	17.00	3.48					
5	60-64	Current Dual	13.00	2.66					
5	60-64	Former	76.00	15.57			17.36	11.00	14.47
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	154.00	28.73	94.00	48.45			
5	65-69	Current MRTP	29.00	5.41					
5	65-69	Current Dual	11.00	2.05					
5	65-69	Former	82.00	15.30			18.95	13.00	15.85
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_12_Vary_starting_restarting_rates.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	115.00	21.34	93.00	57.06			
5	70-74	Current MRTP	28.00	5.19					
5	70-74	Current Dual	20.00	3.71					
5	70-74	Former	96.00	17.81			22.16	15.00	15.63

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	98.00	20.16	101.00	68.71			
5	75-79	Current MRTP	31.00	6.38					
5	75-79	Current Dual	18.00	3.70					
5	75-79	Former	72.00	14.81			20.63	13.00	18.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	2362.00	25.93	1307.00	39.36			
10	All Ages	Current MRTP	624.00	6.85					
10	All Ages	Current Dual	335.00	3.68					
10	All Ages	Former	890.00	9.77			10.78	208.00	23.37

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	5.00	2.53			
10	20-24	Current MRTP	30.00	3.69					
10	20-24	Current Dual	30.00	3.69					
10	20-24	Former	14.00	1.72			2.29	6.00	42.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	224.00	26.54	29.00	9.90			
10	25-29	Current MRTP	39.00	4.62					
10	25-29	Current Dual	30.00	3.55					
10	25-29	Former	28.00	3.32			2.57	13.00	46.43

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	223.00	26.84	98.00	31.21			
10	30-34	Current MRTP	57.00	6.86					
10	30-34	Current Dual	34.00	4.09					
10	30-34	Former	76.00	9.15			6.64	18.00	23.68

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	302.00	30.23	120.00	30.93			
10	35-39	Current MRTP	53.00	5.31					
10	35-39	Current Dual	33.00	3.30					
10	35-39	Former	101.00	10.11			7.85	24.00	23.76

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	561.00	50.00					
10	40-44	Current CC	324.00	28.88	162.00	37.59			
10	40-44	Current MRTP	73.00	6.51					
10	40-44	Current Dual	34.00	3.03					
10	40-44	Former	130.00	11.59			8.18	32.00	24.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	245.00	25.26	153.00	45.00			
10	45-49	Current MRTP	65.00	6.70					
10	45-49	Current Dual	30.00	3.09					
10	45-49	Former	133.00	13.71			12.38	18.00	13.53

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

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

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	199.00	24.54	141.00	47.47			
10	50-54	Current MRTP	68.00	8.38					
10	50-54	Current Dual	30.00	3.70					
10	50-54	Former	92.00	11.34			12.16	10.00	10.87
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	167.00	26.89	119.00	48.37			
10	55-59	Current MRTP	57.00	9.18					
10	55-59	Current Dual	22.00	3.54					
10	55-59	Former	74.00	11.92			14.32	17.00	22.97
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	145.00	27.10	108.00	50.00			
10	60-64	Current MRTP	48.00	8.97					
10	60-64	Current Dual	23.00	4.30					
10	60-64	Former	67.00	12.52			13.43	15.00	22.39
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	134.00	27.46	100.00	53.48			
10	65-69	Current MRTP	39.00	7.99					
10	65-69	Current Dual	14.00	2.87					
10	65-69	Former	51.00	10.45			15.67	12.00	23.53
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	145.00	27.05	132.00	61.40			
10	70-74	Current MRTP	49.00	9.14					
10	70-74	Current Dual	21.00	3.92					
10	70-74	Former	61.00	11.38			12.21	20.00	32.79
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	116.00	21.52	140.00	71.43			
10	75-79	Current MRTP	46.00	8.53					
10	75-79	Current Dual	34.00	6.31					
10	75-79	Former	63.00	11.69			13.70	23.00	36.51
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	2066.00	24.11	1437.00	44.79			
15	All Ages	Current MRTP	766.00	8.94					
15	All Ages	Current Dual	376.00	4.39					
15	All Ages	Former	839.00	9.79			8.42	234.00	27.89
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	546.00	67.16					
15	25-29	Current CC	149.00	18.33	14.00	5.81			
15	25-29	Current MRTP	49.00	6.03					
15	25-29	Current Dual	43.00	5.29					
15	25-29	Former	26.00	3.20			2.69	14.00	53.85
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

15	30-34	Current CC	207.00	24.53	45.00	14.56			
15	30-34	Current MRTP	66.00	7.82					
15	30-34	Current Dual	36.00	4.27					
15	30-34	Former	45.00	5.33			3.53	19.00	42.22
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	434.00	52.23					
15	35-39	Current CC	200.00	24.07	118.00	38.82			
15	35-39	Current MRTP	73.00	8.78					
15	35-39	Current Dual	31.00	3.73					
15	35-39	Former	93.00	11.19			6.04	24.00	25.81
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	287.00	28.73	154.00	39.09			
15	40-44	Current MRTP	69.00	6.91					
15	40-44	Current Dual	38.00	3.80					
15	40-44	Former	95.00	9.51			9.47	15.00	15.79
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	296.00	26.38	197.00	44.67			
15	45-49	Current MRTP	102.00	9.09					
15	45-49	Current Dual	43.00	3.83					
15	45-49	Former	120.00	10.70			8.48	29.00	24.17
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	229.00	23.61	190.00	54.76			
15	50-54	Current MRTP	80.00	8.25					
15	50-54	Current Dual	38.00	3.92					
15	50-54	Former	126.00	12.99			10.37	27.00	21.43
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	188.00	23.18	173.00	56.35			
15	55-59	Current MRTP	82.00	10.11					
15	55-59	Current Dual	37.00	4.56					
15	55-59	Former	82.00	10.11			8.38	25.00	30.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	153.00	24.64	143.00	57.89			
15	60-64	Current MRTP	69.00	11.11					
15	60-64	Current Dual	25.00	4.03					
15	60-64	Former	73.00	11.76			11.51	14.00	19.18
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	133.00	24.86	136.00	60.99			
15	65-69	Current MRTP	58.00	10.84					
15	65-69	Current Dual	32.00	5.98					
15	65-69	Former	60.00	11.21			10.85	13.00	21.67
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	108.00	22.13	118.00	64.48			
15	70-74	Current MRTP	56.00	11.48					
15	70-74	Current Dual	19.00	3.89					
15	70-74	Former	55.00	11.27			8.98	25.00	45.45
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	116.00	21.64	149.00	70.28			
15	75-79	Current MRTP	62.00	11.57					
15	75-79	Current Dual	34.00	6.34					
15	75-79	Former	64.00	11.94			5.92	29.00	45.31
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1840.00	22.90	1546.00	50.54			

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	All Ages	Current MRTP	825.00	10.27					
20	All Ages	Current Dual	394.00	4.90					
20	All Ages	Former	749.00	9.32			7.54	208.00	27.77
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	521.00	64.08					
20	30-34	Current CC	148.00	18.20	32.00	12.50			
20	30-34	Current MRTP	63.00	7.75					
20	30-34	Current Dual	45.00	5.54					
20	30-34	Former	36.00	4.43			4.06	11.00	30.56
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	182.00	21.56	65.00	21.17			
20	35-39	Current MRTP	80.00	9.48					
20	35-39	Current Dual	45.00	5.33					
20	35-39	Former	59.00	6.99			4.14	24.00	40.68
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	182.00	21.90	149.00	47.91			
20	40-44	Current MRTP	93.00	11.19					
20	40-44	Current Dual	36.00	4.33					
20	40-44	Former	86.00	10.35			7.49	15.00	17.44
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	274.00	27.43	179.00	45.43			
20	45-49	Current MRTP	82.00	8.21					
20	45-49	Current Dual	38.00	3.80					
20	45-49	Former	95.00	9.51			8.95	15.00	15.79
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	289.00	25.76	235.00	52.34			
20	50-54	Current MRTP	110.00	9.80					
20	50-54	Current Dual	50.00	4.46					
20	50-54	Former	112.00	9.98			7.71	26.00	23.21
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	212.00	21.86	232.00	63.74			
20	55-59	Current MRTP	105.00	10.82					
20	55-59	Current Dual	47.00	4.85					
20	55-59	Former	109.00	11.24			9.97	25.00	22.94
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	181.00	22.32	197.00	63.55			
20	60-64	Current MRTP	80.00	9.86					

Results for PHIM for Run 28 (APPENDIX_12_Vary_starting_restarting_rates.RTF)

20	60-64	Current Dual	49.00	6.04					
20	60-64	Former	79.00	9.74			6.99	27.00	34.18

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	131.00	21.10	150.00	62.76			
20	65-69	Current MRTP	84.00	13.53					
20	65-69	Current Dual	24.00	3.86					
20	65-69	Former	81.00	13.04			8.14	24.00	29.63

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	127.00	23.74	166.00	69.75			
20	70-74	Current MRTP	77.00	14.39					
20	70-74	Current Dual	34.00	6.36					
20	70-74	Former	45.00	8.41			8.31	16.00	35.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	114.00	23.36	141.00	73.82			
20	75-79	Current MRTP	51.00	10.45					
20	75-79	Current Dual	26.00	5.33					
20	75-79	Former	47.00	9.63			4.94	25.00	53.19

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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	59428.278	-300.417	-0.151	-0.508	2826.86	839.248	843.512	-4.264
1992	198532	60226.142	61079.433	-853.291	-0.430	-1.417	2778.64	842.922	854.865	-11.943
1993	202512	62332.320	63805.652	-1473.33	-0.728	-2.364	2793.47	859.818	880.141	-20.323
1994	200658	62691.239	64823.907	-2132.67	-1.063	-3.402	2725.82	851.622	880.593	-28.971
1995	201023	63132.954	65926.065	-2793.11	-1.389	-4.424	2687.54	844.043	881.385	-37.342
1996	201180	64309.880	67736.813	-3426.93	-1.703	-5.329	2653.67	848.280	893.483	-45.203
1997	198639	64547.894	68424.549	-3876.66	-1.952	-6.006	2583.39	839.475	889.893	-50.418
1998	197573	65384.866	69734.847	-4349.98	-2.202	-6.653	2533.29	838.367	894.143	-55.776
1999	211329	67554.762	72692.103	-5137.34	-2.431	-7.605	2673.14	854.513	919.497	-64.983
2000	208496	68184.366	73816.922	-5632.56	-2.702	-8.261	2604.20	851.652	922.005	-70.353
2001	203606	68286.060	74087.602	-5801.54	-2.849	-8.496	2514.65	843.372	915.025	-71.652
2002	200828	68983.996	75097.368	-6113.37	-3.044	-8.862	2455.47	843.450	918.197	-74.747
2003	196352	68717.830	74977.324	-6259.49	-3.188	-9.109	2377.49	832.057	907.849	-75.792
2004	188160	67344.952	73489.194	-6144.24	-3.265	-9.124	2254.66	806.974	880.598	-73.625
2005	186416	67846.650	74144.137	-6297.49	-3.378	-9.282	2208.07	803.634	878.227	-74.593
2006	180088	66622.465	72643.760	-6021.30	-3.344	-9.038	2113.55	781.893	852.560	-70.667
2007	175644	65977.201	72113.762	-6136.56	-3.494	-9.301	2039.92	766.256	837.526	-71.270
2008	177570	67121.344	73423.079	-6301.74	-3.549	-9.389	2039.03	770.751	843.113	-72.363
2009	172806	66622.993	72575.467	-5952.47	-3.445	-8.935	1961.22	756.123	823.679	-67.556

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	1387320.852	-85004.5	-2.179	-6.527	2465.77	823.300	877.038	-53.738

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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_12_Vary_starting_restarting_rates.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	31601.588	-71.570	-0.164	-0.227	620.154	447.530	448.546	-1.016
1992	45423	32811.446	33032.970	-221.524	-0.488	-0.675	635.738	459.227	462.328	-3.100
1993	46291	33467.735	33848.199	-380.464	-0.822	-1.137	638.542	461.657	466.905	-5.248
1994	47017	33989.389	34556.306	-566.918	-1.206	-1.668	638.697	461.725	469.426	-7.701
1995	47840	34566.580	35325.268	-758.688	-1.586	-2.195	639.587	462.131	472.274	-10.143
1996	48244	34997.958	35924.882	-926.924	-1.921	-2.649	636.363	461.641	473.867	-12.227
1997	49035	35549.658	36631.037	-1081.38	-2.205	-3.042	637.723	462.340	476.403	-14.064
1998	49686	36138.033	37348.689	-1210.66	-2.437	-3.350	637.076	463.363	478.886	-15.523
1999	48883	35506.142	36826.650	-1320.51	-2.701	-3.719	618.331	449.124	465.828	-16.703
2000	50331	36573.306	38075.535	-1502.23	-2.985	-4.107	628.656	456.816	475.580	-18.763
2001	50389	36733.445	38293.253	-1559.81	-3.096	-4.246	622.333	453.679	472.944	-19.265
2002	51445	37627.700	39287.181	-1659.48	-3.226	-4.410	629.005	460.065	480.355	-20.290
2003	51408	37552.784	39279.755	-1726.97	-3.359	-4.599	622.464	454.701	475.612	-20.911
2004	51399	37527.823	39302.655	-1774.83	-3.453	-4.729	615.898	449.684	470.951	-21.267
2005	51421	37486.186	39324.895	-1838.71	-3.576	-4.905	609.074	444.018	465.798	-21.779
2006	51355	37409.496	39217.156	-1807.66	-3.520	-4.832	602.712	439.045	460.260	-21.215
2007	51839	37602.867	39533.992	-1931.12	-3.725	-5.136	602.056	436.718	459.146	-22.428
2008	50976	36986.957	38907.138	-1920.18	-3.767	-5.192	585.355	424.719	446.769	-22.049
2009	51193	37201.944	39065.438	-1863.49	-3.640	-5.009	581.003	422.215	443.364	-21.149

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	736027.957	-24123.1	-2.460	-3.389	619.890	450.053	465.303	-15.250

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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 Year	Number 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	12793.583	-130.604	-0.135	-1.031	1368.32	179.735	181.589	-1.854
1992	93721	12337.995	12686.338	-348.343	-0.372	-2.823	1311.71	172.682	177.557	-4.875
1993	93679	12401.934	12994.861	-592.926	-0.633	-4.781	1292.22	171.073	179.252	-8.179
1994	90832	12128.576	12969.147	-840.571	-0.925	-6.931	1233.90	164.759	176.178	-11.419
1995	89698	11958.696	13051.445	-1092.75	-1.218	-9.138	1199.20	159.879	174.489	-14.609
1996	88286	12020.749	13340.129	-1319.38	-1.494	-10.976	1164.54	158.560	175.963	-17.403
1997	84777	11593.724	13043.318	-1449.59	-1.710	-12.503	1102.56	150.782	169.634	-18.853
1998	82517	11337.035	12951.273	-1614.24	-1.956	-14.239	1058.04	145.364	166.062	-20.698
1999	93939	13027.458	15075.073	-2047.62	-2.180	-15.718	1188.25	164.787	190.688	-25.901
2000	90039	12607.547	14803.501	-2195.95	-2.439	-17.418	1124.63	157.474	184.902	-27.428
2001	86119	12350.451	14596.827	-2246.38	-2.608	-18.189	1063.62	152.535	180.279	-27.744
2002	83014	12112.097	14472.740	-2360.64	-2.844	-19.490	1014.99	148.092	176.955	-28.863
2003	79302	11683.252	14047.784	-2364.53	-2.982	-20.239	960.214	141.465	170.095	-28.631
2004	73861	11139.095	13385.656	-2246.56	-3.042	-20.168	885.053	133.476	160.396	-26.920
2005	71649	10884.683	13136.252	-2251.57	-3.142	-20.686	848.672	128.927	155.597	-26.670
2006	67551	10397.565	12539.282	-2141.72	-3.171	-20.598	792.791	122.028	147.163	-25.136
2007	63503	9785.831	11838.944	-2053.11	-3.233	-20.980	737.521	113.652	137.497	-23.845
2008	63171	9922.524	12003.044	-2080.52	-3.293	-20.968	725.389	113.940	137.830	-23.891
2009	59747	9483.598	11408.495	-1924.90	-3.222	-20.297	678.085	107.632	129.478	-21.846

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	263784.452	-31301.9	-1.896	-13.464	1043.56	146.971	166.760	-19.788

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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_12_Vary_starting_restarting_rates.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	3164.222	-48.206	-0.148	-1.547	461.369	44.228	44.912	-0.684
1992	32560	3095.448	3221.116	-125.668	-0.386	-4.060	455.708	43.324	45.083	-1.759
1993	32768	3114.516	3318.532	-204.016	-0.623	-6.550	452.005	42.962	45.776	-2.814
1994	33005	3168.398	3454.071	-285.673	-0.866	-9.016	448.353	43.041	46.921	-3.881
1995	33730	3200.274	3565.335	-365.061	-1.082	-11.407	450.946	42.785	47.666	-4.881
1996	33750	3234.738	3662.055	-427.317	-1.266	-13.210	445.180	42.668	48.304	-5.637
1997	33699	3240.665	3729.244	-488.580	-1.450	-15.077	438.271	42.146	48.501	-6.354
1998	33274	3171.578	3708.761	-537.183	-1.614	-16.937	426.640	40.666	47.554	-6.888
1999	33891	3153.786	3741.205	-587.419	-1.733	-18.626	428.694	39.893	47.323	-7.430
2000	33827	3237.043	3871.903	-634.860	-1.877	-19.612	422.514	40.432	48.362	-7.930
2001	32506	3110.972	3740.043	-629.071	-1.935	-20.221	401.468	38.422	46.192	-7.769
2002	32078	3123.298	3794.639	-671.341	-2.093	-21.495	392.210	38.188	46.396	-8.208
2003	30568	3025.984	3681.519	-655.535	-2.145	-21.664	370.127	36.640	44.577	-7.937
2004	29388	2983.453	3604.045	-620.591	-2.112	-20.801	352.147	35.750	43.186	-7.436
2005	27954	2926.679	3525.416	-598.737	-2.142	-20.458	331.111	34.666	41.758	-7.092
2006	27201	2889.308	3479.324	-590.016	-2.169	-20.421	319.236	33.909	40.834	-6.925
2007	26302	2810.025	3382.839	-572.814	-2.178	-20.385	305.470	32.636	39.288	-6.653
2008	25998	2773.025	3341.033	-568.008	-2.185	-20.483	298.534	31.843	38.365	-6.522
2009	25040	2723.293	3261.276	-537.982	-2.148	-19.755	284.186	30.907	37.013	-6.106

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	70439.821	-9148.08	-1.467	-14.925	394.195	38.747	44.531	-5.783

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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	11868.885	-50.038	-0.188	-0.423	377.015	167.754	168.464	-0.710
1992	26828	11981.252	12139.009	-157.757	-0.588	-1.317	375.483	167.689	169.897	-2.208
1993	29774	13348.134	13644.060	-295.926	-0.994	-2.217	410.705	184.125	188.207	-4.082
1994	29804	13404.876	13844.383	-439.507	-1.475	-3.279	404.869	182.097	188.067	-5.970
1995	29755	13407.404	13984.017	-576.613	-1.938	-4.301	397.803	179.248	186.956	-7.709
1996	30900	14056.435	14809.747	-753.312	-2.438	-5.359	407.587	185.412	195.348	-9.937
1997	31128	14163.848	15020.949	-857.101	-2.753	-6.051	404.834	184.207	195.354	-11.147
1998	32096	14738.220	15726.125	-987.905	-3.078	-6.703	411.536	188.974	201.641	-12.667
1999	34616	15867.376	17049.175	-1181.80	-3.414	-7.448	437.865	200.710	215.658	-14.949
2000	34299	15766.470	17065.982	-1299.51	-3.789	-8.242	428.409	196.930	213.161	-16.231
2001	34592	16091.193	17457.479	-1366.29	-3.950	-8.491	427.231	198.736	215.610	-16.874
2002	34291	16120.902	17542.808	-1421.91	-4.147	-8.820	419.268	197.106	214.492	-17.385
2003	35074	16455.810	17968.267	-1512.46	-4.312	-9.191	424.687	199.252	217.566	-18.313
2004	33512	15694.580	17196.838	-1502.26	-4.483	-9.572	401.564	188.063	206.064	-18.001
2005	35392	16549.102	18157.574	-1608.47	-4.545	-9.719	419.213	196.022	215.074	-19.052
2006	33981	15926.096	17407.998	-1481.90	-4.361	-9.305	398.807	186.912	204.303	-17.392
2007	34000	15778.477	17357.987	-1579.51	-4.646	-10.011	394.875	183.251	201.595	-18.344
2008	37425	17438.838	19171.864	-1733.03	-4.631	-9.938	429.749	200.249	220.150	-19.900
2009	36826	17214.158	18840.259	-1626.10	-4.416	-9.446	417.948	195.368	213.823	-18.455

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	317068.621	-20431.4	-3.165	-6.888	408.132	187.528	200.445	-12.916