Results for PHIM for Run 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN1
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 1, Scenario: STP_NULL

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

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

Results for PHIM for Run 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	RUN1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000

Results for PHIM for Run 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2403.00	26.19	126.00	4.70			
5	All Ages	Current MRTP	183.00	1.99					
5	All Ages	Current Dual	93.00	1.01					
5	All Ages	Former	2598.00	28.31			15.60	153.00	5.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

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

Results for PHIM for Run 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	20.00	2.19					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	21.00	2.30			3.38	6.00	28.57
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	2.00	0.64			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	119.00	12.42			4.73	27.00	22.69
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	341.00	31.75	9.00	2.33			
5	30-34	Current MRTP	33.00	3.07					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	200.00	18.62			6.39	27.00	13.50
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	328.00	30.29	13.00	3.63			
5	35-39	Current MRTP	19.00	1.75					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	251.00	23.18			7.84	19.00	7.57
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	9.00	3.26
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	308.00	35.86					
5	45-49	Current CC	229.00	26.66	13.00	5.00			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	291.00	33.88			14.10	6.00	2.06
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	189.00	30.00	12.00	5.91			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	235.00	37.30			17.33	9.00	3.83
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	9.00	6.29			
5	55-59	Current MRTP	7.00	1.34					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	226.00	43.13			16.65	16.00	7.08
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	14.00	10.94			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	246.00	47.77			18.95	7.00	2.85
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	113.00	22.60	13.00	10.66			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	258.00	51.60			22.01	9.00	3.49
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_18_Vary_parameter_combinations_2nd_set.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	17.00	20.24			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	258.00	57.59			22.70	9.00	3.49

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	69.00	19.22	11.00	14.67			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	216.00	60.17			23.88	9.00	4.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2172.00	23.17	201.00	7.56			
10	All Ages	Current MRTP	344.00	3.67					
10	All Ages	Current Dual	141.00	1.50					
10	All Ages	Former	2635.00	28.11			17.12	196.00	7.44

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	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	17.00	1.90			2.71	8.00	47.06

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	237.00	25.90	3.00	0.96			
10	25-29	Current MRTP	40.00	4.37					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	50.00	5.46			4.34	18.00	36.00

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	483.00	50.42					
10	30-34	Current CC	237.00	24.74	8.00	2.48			
10	30-34	Current MRTP	55.00	5.74					
10	30-34	Current Dual	30.00	3.13					
10	30-34	Former	153.00	15.97			7.68	17.00	11.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	297.00	27.65	15.00	4.13			
10	35-39	Current MRTP	51.00	4.75					
10	35-39	Current Dual	15.00	1.40					
10	35-39	Former	237.00	22.07			9.51	20.00	8.44

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	278.00	25.67	25.00	7.53			
10	40-44	Current MRTP	42.00	3.88					
10	40-44	Current Dual	12.00	1.11					
10	40-44	Former	281.00	25.95			11.01	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	402.00	41.32					
10	45-49	Current CC	244.00	25.08	19.00	6.93			
10	45-49	Current MRTP	26.00	2.67					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	297.00	30.52			15.38	19.00	6.40

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 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	189.00	22.00	30.00	12.66			
10	50-54	Current MRTP	36.00	4.19					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	314.00	36.55			16.86	12.00	3.82
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	158.00	25.08	23.00	12.30			
10	55-59	Current MRTP	26.00	4.13					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	251.00	39.84			20.17	13.00	5.18
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	113.00	21.56	13.00	10.16			
10	60-64	Current MRTP	8.00	1.53					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	241.00	45.99			19.46	14.00	5.81
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	95.00	18.45	17.00	15.18			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	262.00	50.87			21.13	19.00	7.25
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	100.00	20.00	29.00	24.58			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	262.00	52.40			24.32	18.00	6.87
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	54.00	12.05	19.00	26.39			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	4.00	0.89					
10	75-79	Former	270.00	60.27			25.16	13.00	4.81
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	1866.00	20.90	255.00	10.32			
15	All Ages	Current MRTP	439.00	4.92					
15	All Ages	Current Dual	166.00	1.86					
15	All Ages	Former	2600.00	29.13			18.33	169.00	6.50
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	176.00	19.64	1.00	0.41			
15	25-29	Current MRTP	47.00	5.25					
15	25-29	Current Dual	23.00	2.57					
15	25-29	Former	42.00	4.69			4.05	14.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	205.00	22.40	6.00	2.00			
15	30-34	Current MRTP	59.00	6.45					
15	30-34	Current Dual	36.00	3.93					
15	30-34	Former	95.00	10.38			5.37	22.00	23.16
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	212.00	22.13	16.00	5.26			
15	35-39	Current MRTP	59.00	6.16					
15	35-39	Current Dual	33.00	3.44					
15	35-39	Former	186.00	19.42			10.01	23.00	12.37
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	246.00	22.91	24.00	7.38			
15	40-44	Current MRTP	61.00	5.68					
15	40-44	Current Dual	18.00	1.68					
15	40-44	Former	277.00	25.79			12.13	20.00	7.22
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	470.00	43.40					
15	45-49	Current CC	246.00	22.71	34.00	10.76			
15	45-49	Current MRTP	56.00	5.17					
15	45-49	Current Dual	14.00	1.29					
15	45-49	Former	297.00	27.42			14.69	10.00	3.37
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	201.00	20.66	26.00	10.57			
15	50-54	Current MRTP	37.00	3.80					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	325.00	33.40			18.13	16.00	4.92
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	161.00	18.74	33.00	15.57			
15	55-59	Current MRTP	44.00	5.12					
15	55-59	Current Dual	7.00	0.81					
15	55-59	Former	339.00	39.46			19.60	22.00	6.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	143.00	22.70	32.00	17.98			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	260.00	41.27			22.90	12.00	4.62
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	103.00	19.66	24.00	19.20			
15	65-69	Current MRTP	9.00	1.72					
15	65-69	Current Dual	13.00	2.48					
15	65-69	Former	244.00	46.56			22.40	8.00	3.28
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	26.00	23.64			
15	70-74	Current MRTP	18.00	3.50					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	264.00	51.26			24.42	9.00	3.41
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	87.00	17.40	33.00	30.28			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	3.00	0.60					
15	75-79	Former	271.00	54.20			25.81	13.00	4.80
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1515.00	17.98	281.00	13.17			

Results for PHIM for Run 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	450.00	5.34					
20	All Ages	Current Dual	169.00	2.01					
20	All Ages	Former	2617.00	31.05			18.92	186.00	7.11
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	162.00	18.08	6.00	2.46			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	29.00	3.24					
20	30-34	Former	77.00	8.59			5.74	15.00	19.48
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	176.00	19.23	14.00	5.02			
20	35-39	Current MRTP	69.00	7.54					
20	35-39	Current Dual	34.00	3.72					
20	35-39	Former	134.00	14.64			7.28	23.00	17.16
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	183.00	19.10	21.00	7.61			
20	40-44	Current MRTP	59.00	6.16					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	223.00	23.28			12.26	16.00	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	472.00	43.95					
20	45-49	Current CC	218.00	20.30	30.00	10.38			
20	45-49	Current MRTP	57.00	5.31					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	313.00	29.14			14.57	23.00	7.35
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	197.00	18.19	39.00	14.44			
20	50-54	Current MRTP	64.00	5.91					
20	50-54	Current Dual	9.00	0.83					
20	50-54	Former	343.00	31.67			16.55	23.00	6.71
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	173.00	17.78	31.00	14.03			
20	55-59	Current MRTP	40.00	4.11					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	350.00	35.97			20.56	21.00	6.00
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	137.00	15.95	40.00	20.73			
20	60-64	Current MRTP	45.00	5.24					

Results for PHIM for Run 1 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	11.00	1.28					
20	60-64	Former	358.00	41.68			21.87	19.00	5.31

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	115.00	18.25	41.00	25.95			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.02	15.00	5.36

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	88.00	16.79	32.00	27.35			
20	70-74	Current MRTP	17.00	3.24					
20	70-74	Current Dual	12.00	2.29					
20	70-74	Former	252.00	48.09			24.90	9.00	3.57

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	66.00	12.82	27.00	31.03			
20	75-79	Current MRTP	13.00	2.52					
20	75-79	Current Dual	8.00	1.55					
20	75-79	Former	287.00	55.73			24.71	22.00	7.67

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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	124062.141	70.442	0.022	0.057	4845.61	1920.39	1919.30	1.090
1992	308577	122143.718	121909.903	233.815	0.076	0.191	4692.62	1857.47	1853.92	3.556
1993	311713	123269.216	122779.638	489.578	0.157	0.397	4656.77	1841.55	1834.24	7.314
1994	305700	120480.723	119736.818	743.905	0.243	0.617	4482.57	1766.64	1755.74	10.908
1995	303225	118666.569	117605.073	1061.495	0.350	0.895	4361.58	1706.89	1691.63	15.269
1996	299559	116607.195	115257.785	1349.410	0.450	1.157	4242.85	1651.58	1632.47	19.113
1997	294226	114665.051	113098.327	1566.724	0.532	1.366	4100.64	1598.09	1576.25	21.835
1998	289258	113038.380	111138.319	1900.061	0.657	1.681	3966.28	1549.97	1523.92	26.053
1999	311002	117067.463	114449.107	2618.355	0.842	2.237	4198.14	1580.27	1544.92	35.345
2000	303786	114977.407	112026.105	2951.303	0.972	2.567	4041.13	1529.49	1490.23	39.260
2001	296294	113047.319	109761.964	3285.355	1.109	2.906	3890.54	1484.39	1441.25	43.139
2002	291898	111744.742	108115.953	3628.789	1.243	3.247	3789.34	1450.64	1403.53	47.108
2003	285865	110551.854	106521.448	4030.406	1.410	3.646	3671.31	1419.80	1368.03	51.762
2004	274177	107418.262	103225.750	4192.511	1.529	3.903	3481.92	1364.16	1310.92	53.243
2005	272379	107678.770	103216.933	4461.836	1.638	4.144	3417.44	1351.01	1295.03	55.981
2006	264118	104357.806	99691.611	4666.196	1.767	4.471	3281.83	1296.71	1238.73	57.980
2007	258419	102690.449	97704.787	4985.662	1.929	4.855	3176.05	1262.10	1200.82	61.275
2008	259461	103492.166	97904.200	5587.966	2.154	5.399	3150.91	1256.82	1188.96	67.861
2009	253907	101384.044	95405.634	5978.410	2.355	5.897	3045.20	1215.94	1144.24	71.701

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	2219441.459	53802.22	0.925	2.367	3927.78	1535.76	1499.41	36.348

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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_18_Vary_parameter_combinations_2nd_set.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	63053.622	15.164	0.019	0.024	1213.84	975.702	975.468	0.235
1992	77987	62535.347	62490.997	44.350	0.057	0.071	1185.97	950.993	950.319	0.674
1993	78542	62883.111	62795.661	87.450	0.111	0.139	1173.36	939.428	938.122	1.306
1994	77437	61805.804	61669.432	136.372	0.176	0.221	1135.48	906.276	904.277	2.000
1995	76904	61145.799	60945.590	200.210	0.260	0.327	1106.18	879.519	876.639	2.880
1996	76232	60385.323	60126.218	259.105	0.340	0.429	1079.72	855.277	851.607	3.670
1997	75473	59549.806	59261.034	288.772	0.383	0.485	1051.87	829.947	825.922	4.025
1998	75381	59292.315	58898.659	393.655	0.522	0.664	1033.62	813.010	807.612	5.398
1999	73159	57398.351	56902.038	496.313	0.678	0.865	987.557	774.807	768.108	6.700
2000	73784	57716.549	57110.813	605.736	0.821	1.050	981.515	767.777	759.719	8.058
2001	73294	57211.877	56519.343	692.534	0.945	1.210	962.399	751.230	742.137	9.093
2002	72442	56438.810	55670.740	768.070	1.060	1.361	940.422	732.673	722.703	9.971
2003	71942	55948.341	55104.410	843.931	1.173	1.508	923.937	718.533	707.695	10.838
2004	71301	55339.218	54428.163	911.055	1.278	1.646	905.490	702.783	691.213	11.570
2005	70964	54964.459	54010.376	954.083	1.344	1.736	890.360	689.620	677.649	11.971
2006	69658	53781.526	52784.738	996.789	1.431	1.853	865.543	668.268	655.883	12.386
2007	68565	52784.985	51718.820	1066.164	1.555	2.020	842.687	648.745	635.641	13.104
2008	68226	52470.692	51249.283	1221.409	1.790	2.328	828.542	637.208	622.375	14.833
2009	67509	51823.021	50494.335	1328.686	1.968	2.564	809.661	621.533	605.598	15.935

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	1148678.680	11309.85	0.766	0.975	997.213	783.665	776.024	7.641

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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	37026.301	41.083	0.024	0.111	2599.72	573.449	572.813	0.636
1992	164548	35863.851	35718.798	145.053	0.088	0.404	2502.33	545.392	543.186	2.206
1993	164362	35459.800	35151.755	308.046	0.187	0.869	2455.45	529.744	525.142	4.602
1994	159866	34293.631	33837.141	456.490	0.286	1.331	2344.16	502.857	496.164	6.694
1995	158083	33531.695	32895.337	636.357	0.403	1.898	2273.86	482.318	473.165	9.153
1996	154875	32438.163	31643.897	794.266	0.513	2.449	2193.60	459.443	448.193	11.250
1997	149970	31179.663	30247.094	932.569	0.622	2.991	2090.14	434.552	421.554	12.997
1998	145407	29860.736	28793.837	1066.900	0.734	3.573	1993.81	409.447	394.818	14.629
1999	165952	34413.904	32882.734	1531.171	0.923	4.449	2240.15	464.545	443.877	20.669
2000	160260	33265.290	31590.402	1674.888	1.045	5.035	2131.87	442.513	420.233	22.280
2001	154444	32074.102	30231.678	1842.424	1.193	5.744	2027.95	421.154	396.962	24.192
2002	151887	31817.956	29781.337	2036.619	1.341	6.401	1971.76	413.052	386.613	26.439
2003	146733	31025.931	28746.984	2278.947	1.553	7.345	1884.46	398.460	369.192	29.268
2004	138381	29503.602	27144.736	2358.867	1.705	7.995	1757.38	374.682	344.726	29.957
2005	135881	29077.894	26568.057	2509.837	1.847	8.631	1704.85	364.830	333.340	31.490
2006	131922	28385.448	25718.233	2667.214	2.022	9.396	1639.21	352.707	319.565	33.142
2007	126502	27327.625	24496.404	2831.222	2.238	10.360	1554.75	335.866	301.069	34.797
2008	125859	27025.472	23938.278	3087.193	2.453	11.423	1528.44	328.199	290.708	37.491
2009	122428	26361.626	23073.620	3288.006	2.686	12.473	1468.33	316.165	276.731	39.434

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	607869.519	30487.15	1.017	4.776	2024.64	431.261	410.665	20.597

****

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_18_Vary_parameter_combinations_2nd_set.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	4481.866	6.116	0.019	0.136	504.630	69.431	69.336	0.095
1992	32100	4371.196	4350.367	20.829	0.065	0.477	488.154	66.474	66.157	0.317
1993	32896	4414.136	4365.859	48.277	0.147	1.094	491.442	65.944	65.223	0.721
1994	33323	4474.895	4397.985	76.910	0.231	1.719	488.625	65.617	64.489	1.128
1995	33569	4476.290	4362.553	113.737	0.339	2.541	482.855	64.387	62.751	1.636
1996	33870	4489.078	4338.050	151.028	0.446	3.364	479.723	63.582	61.443	2.139
1997	33516	4444.866	4259.231	185.635	0.554	4.176	467.113	61.948	59.361	2.587
1998	32795	4313.427	4116.871	196.555	0.599	4.557	449.682	59.145	56.450	2.695
1999	33375	4232.739	3997.471	235.268	0.705	5.558	450.521	57.137	53.961	3.176
2000	33459	4307.577	4054.054	253.523	0.758	5.886	445.090	57.302	53.929	3.373
2001	32275	4136.308	3867.817	268.492	0.832	6.491	423.792	54.312	50.787	3.525
2002	31586	4079.175	3792.829	286.346	0.907	7.020	410.041	52.955	49.237	3.717
2003	30985	4096.221	3755.418	340.803	1.100	8.320	397.934	52.607	48.230	4.377
2004	29884	4034.217	3682.205	352.012	1.178	8.726	379.513	51.233	46.762	4.470
2005	28708	3944.303	3578.685	365.618	1.274	9.270	360.189	49.488	44.900	4.587
2006	28188	3970.169	3569.434	400.735	1.422	10.094	350.253	49.332	44.352	4.979
2007	28026	3957.558	3515.093	442.465	1.579	11.180	344.449	48.640	43.202	5.438
2008	27128	3812.302	3359.224	453.077	1.670	11.885	329.444	46.297	40.795	5.502
2009	27068	3827.467	3322.376	505.091	1.866	13.196	324.637	45.904	39.847	6.058

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	79754.985	4702.519	0.749	5.568	424.421	57.058	53.881	3.177

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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	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	19500.351	8.079	0.024	0.041	527.418	301.804	301.679	0.125
1992	33942	19373.324	19349.741	23.583	0.069	0.122	516.166	294.616	294.257	0.359
1993	35913	20512.169	20466.364	45.805	0.128	0.223	536.514	306.437	305.753	0.684
1994	35074	19906.392	19832.260	74.132	0.211	0.372	514.300	291.893	290.806	1.087
1995	34669	19512.784	19401.593	111.191	0.321	0.570	498.677	280.671	279.072	1.599
1996	34582	19294.631	19149.620	145.010	0.419	0.752	489.808	273.283	271.229	2.054
1997	35267	19490.717	19330.969	159.748	0.453	0.820	491.517	271.643	269.416	2.226
1998	35675	19571.902	19328.951	242.951	0.681	1.241	489.172	268.368	265.037	3.331
1999	38516	21022.469	20666.865	355.604	0.923	1.692	519.919	283.777	278.977	4.800
2000	36283	19687.992	19270.836	417.155	1.150	2.119	482.656	261.900	256.351	5.549
2001	36281	19625.032	19143.127	481.905	1.328	2.456	476.394	257.690	251.362	6.328
2002	35983	19408.801	18871.047	537.754	1.494	2.771	467.122	251.960	244.979	6.981
2003	36205	19481.360	18914.637	566.723	1.565	2.909	464.974	250.195	242.917	7.278
2004	34611	18541.224	17970.647	570.577	1.649	3.077	439.544	235.465	228.219	7.246
2005	36826	19692.114	19059.816	632.298	1.717	3.211	462.043	247.070	239.137	7.933
2006	34350	18220.663	17619.205	601.458	1.751	3.301	426.820	226.403	218.929	7.473
2007	35326	18620.282	17974.470	645.811	1.828	3.468	434.168	228.849	220.912	7.937
2008	38248	20183.701	19357.414	826.286	2.160	4.094	464.487	245.112	235.078	10.034
2009	36902	19371.930	18515.303	856.626	2.321	4.422	442.580	232.335	222.061	10.274

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

Age Group:All		Null	MRTP			%Drop		Null	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	383138.276	7302.698	1.025	1.870	481.512	263.774	258.841	4.934

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN1
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 2, Scenario: STP_NULL

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

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

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 2, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1957.00	21.55	108.00	4.90			
5	All Ages	Current MRTP	177.00	1.95					
5	All Ages	Current Dual	68.00	0.75					
5	All Ages	Former	1996.00	21.98			14.76	121.00	6.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.50	1.00	50.00

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

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	20.00	2.37			3.00	8.00	40.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	198.00	23.83	9.00	3.78			
5	25-29	Current MRTP	25.00	3.01					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	270.00	27.03	13.00	4.38			
5	30-34	Current MRTP	19.00	1.90					
5	30-34	Current Dual	8.00	0.80					
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	550.00	49.02					
5	35-39	Current CC	289.00	25.76	8.00	2.45			
5	35-39	Current MRTP	30.00	2.67					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	245.00	21.84			8.32	19.00	7.76
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.44			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	256.00	26.39			11.41	16.00	6.25
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	165.00	20.35	9.00	4.92			
5	45-49	Current MRTP	11.00	1.36					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	206.00	25.40			11.14	15.00	7.28
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	143.00	23.03	10.00	6.41			
5	50-54	Current MRTP	12.00	1.93					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	164.00	26.41			15.48	11.00	6.71
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	118.00	22.06	7.00	5.34			
5	55-59	Current MRTP	12.00	2.24					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	152.00	28.41			15.36	4.00	2.63
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	10.00	8.77			
5	65-69	Current MRTP	8.00	1.49					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	162.00	30.22			21.52	9.00	5.56
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	11.00	13.25			
5	70-74	Current MRTP	7.00	1.30					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	176.00	32.65			24.70	6.00	3.41
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	11.00	18.64			
5	75-79	Current MRTP	8.00	1.65					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	160.00	32.92			28.00	3.00	1.88
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1753.00	19.24	167.00	7.71			
10	All Ages	Current MRTP	288.00	3.16					
10	All Ages	Current Dual	124.00	1.36					
10	All Ages	Former	2075.00	22.78			15.84	139.00	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	632.00	77.74					
10	20-24	Current CC	136.00	16.73	0.00	0.00			
10	20-24	Current MRTP	17.00	2.09					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	16.00	1.97			3.44	4.00	25.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	202.00	23.93	5.00	1.85			
10	25-29	Current MRTP	43.00	5.09					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	47.00	5.57			4.02	17.00	36.17
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	175.00	21.06	11.00	4.66			
10	30-34	Current MRTP	35.00	4.21					
10	30-34	Current Dual	26.00	3.13					
10	30-34	Former	172.00	20.70			8.26	22.00	12.79
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	493.00	49.35					
10	35-39	Current CC	233.00	23.32	21.00	7.24			
10	35-39	Current MRTP	39.00	3.90					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	216.00	21.62			10.36	19.00	8.80
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	240.00	21.39	18.00	6.19			
10	40-44	Current MRTP	37.00	3.30					
10	40-44	Current Dual	14.00	1.25					
10	40-44	Former	291.00	25.94			10.95	21.00	7.22
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	172.00	17.73	21.00	10.14			
10	45-49	Current MRTP	27.00	2.78					
10	45-49	Current Dual	8.00	0.82					
10	45-49	Former	274.00	28.25			14.92	9.00	3.28
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 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	143.00	17.63	16.00	9.70			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	224.00	27.62			14.21	11.00	4.91
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	121.00	19.48	15.00	10.71			
10	55-59	Current MRTP	15.00	2.42					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	180.00	28.99			17.99	8.00	4.44
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	9.00	7.69			
10	60-64	Current MRTP	14.00	2.62					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	166.00	31.03			18.27	5.00	3.01
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	87.00	17.83	11.00	11.00			
10	65-69	Current MRTP	11.00	2.25					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.98	4.00	2.90
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	82.00	15.30	14.00	13.86			
10	70-74	Current MRTP	16.00	2.99					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	175.00	32.65			23.70	11.00	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	61.00	11.32	26.00	31.33			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	6.00	1.11					
10	75-79	Former	176.00	32.65			27.19	8.00	4.55
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1449.00	16.91	202.00	10.30			
15	All Ages	Current MRTP	352.00	4.11					
15	All Ages	Current Dual	160.00	1.87					
15	All Ages	Former	2146.00	25.04			16.84	142.00	6.62
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	143.00	17.59	3.00	1.46			
15	25-29	Current MRTP	41.00	5.04					
15	25-29	Current Dual	22.00	2.71					
15	25-29	Former	38.00	4.67			3.95	13.00	34.21
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	181.00	21.45	9.00	3.26			
15	30-34	Current MRTP	60.00	7.11					
15	30-34	Current Dual	35.00	4.15					
15	30-34	Former	86.00	10.19			5.44	20.00	23.26
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	145.00	17.45	19.00	8.88			
15	35-39	Current MRTP	41.00	4.93					
15	35-39	Current Dual	28.00	3.37					
15	35-39	Former	208.00	25.03			10.81	20.00	9.62
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	199.00	19.92	29.00	10.90			
15	40-44	Current MRTP	46.00	4.60					
15	40-44	Current Dual	21.00	2.10					
15	40-44	Former	244.00	24.42			13.19	14.00	5.74
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	540.00	48.13					
15	45-49	Current CC	199.00	17.74	23.00	8.85			
15	45-49	Current MRTP	45.00	4.01					
15	45-49	Current Dual	16.00	1.43					
15	45-49	Former	322.00	28.70			14.11	13.00	4.04
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	139.00	14.33	28.00	15.05			
15	50-54	Current MRTP	35.00	3.61					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	295.00	30.41			17.74	14.00	4.75
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	124.00	15.29	18.00	12.24			
15	55-59	Current MRTP	16.00	1.97					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	242.00	29.84			17.11	13.00	5.37
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	97.00	15.62	17.00	13.82			
15	60-64	Current MRTP	20.00	3.22					
15	60-64	Current Dual	6.00	0.97					
15	60-64	Former	197.00	31.72			20.35	5.00	2.54
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	90.00	16.82	22.00	19.82			
15	65-69	Current MRTP	17.00	3.18					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	172.00	32.15			21.35	7.00	4.07
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	66.00	13.52	13.00	15.48			
15	70-74	Current MRTP	13.00	2.66					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	154.00	31.56			24.37	11.00	7.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	66.00	12.31	21.00	23.86			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	188.00	35.07			24.97	12.00	6.38
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1184.00	14.74	224.00	13.24			

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	362.00	4.51					
20	All Ages	Current Dual	146.00	1.82					
20	All Ages	Former	2198.00	27.36			18.08	137.00	6.23
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	132.00	16.24	4.00	1.96			
20	30-34	Current MRTP	49.00	6.03					
20	30-34	Current Dual	23.00	2.83					
20	30-34	Former	73.00	8.98			5.58	14.00	19.18
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	149.00	17.65	12.00	4.86			
20	35-39	Current MRTP	69.00	8.18					
20	35-39	Current Dual	29.00	3.44					
20	35-39	Former	131.00	15.52			7.07	23.00	17.56
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	120.00	14.44	23.00	11.86			
20	40-44	Current MRTP	46.00	5.54					
20	40-44	Current Dual	28.00	3.37					
20	40-44	Former	238.00	28.64			13.74	11.00	4.62
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	176.00	17.62	30.00	12.66			
20	45-49	Current MRTP	44.00	4.40					
20	45-49	Current Dual	17.00	1.70					
20	45-49	Former	273.00	27.33			15.79	13.00	4.76
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	168.00	14.97	31.00	13.54			
20	50-54	Current MRTP	46.00	4.10					
20	50-54	Current Dual	15.00	1.34					
20	50-54	Former	353.00	31.46			16.72	22.00	6.23
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	118.00	12.16	32.00	19.63			
20	55-59	Current MRTP	34.00	3.51					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	318.00	32.78			20.25	13.00	4.09
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	102.00	12.58	24.00	18.46			
20	60-64	Current MRTP	22.00	2.71					

Results for PHIM for Run 2 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	6.00	0.74					
20	60-64	Former	259.00	31.94			19.91	13.00	5.02

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	86.00	13.85	22.00	19.30			
20	65-69	Current MRTP	23.00	3.70					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	206.00	33.17			23.29	6.00	2.91

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	75.00	14.02	21.00	22.34			
20	70-74	Current MRTP	16.00	2.99					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	189.00	35.33			23.43	12.00	6.35

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	31.25			
20	75-79	Current MRTP	13.00	2.66					
20	75-79	Current Dual	9.00	1.84					
20	75-79	Former	158.00	32.38			26.01	10.00	6.33

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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	59095.444	32.418	0.016	0.055	2826.86	839.248	838.787	0.460
1992	198532	60226.142	60165.563	60.579	0.031	0.101	2778.64	842.922	842.074	0.848
1993	202512	62332.320	62208.575	123.745	0.061	0.199	2793.47	859.818	858.111	1.707
1994	200658	62691.239	62509.077	182.162	0.091	0.291	2725.82	851.622	849.148	2.475
1995	201023	63132.954	62861.831	271.123	0.135	0.429	2687.54	844.043	840.419	3.625
1996	201180	64309.880	64009.769	300.111	0.149	0.467	2653.67	848.280	844.321	3.959
1997	198639	64547.894	64119.348	428.546	0.216	0.664	2583.39	839.475	833.902	5.573
1998	197573	65384.866	64789.887	594.979	0.301	0.910	2533.29	838.367	830.738	7.629
1999	211329	67554.762	66732.493	822.269	0.389	1.217	2673.14	854.513	844.112	10.401
2000	208496	68184.366	67201.744	982.622	0.471	1.441	2604.20	851.652	839.378	12.273
2001	203606	68286.060	67031.056	1255.005	0.616	1.838	2514.65	843.372	827.872	15.500
2002	200828	68983.996	67591.142	1392.854	0.694	2.019	2455.47	843.450	826.420	17.030
2003	196352	68717.830	67008.059	1709.771	0.871	2.488	2377.49	832.057	811.355	20.702
2004	188160	67344.952	65302.014	2042.938	1.086	3.034	2254.66	806.974	782.494	24.480
2005	186416	67846.650	65497.258	2349.392	1.260	3.463	2208.07	803.634	775.805	27.828
2006	180088	66622.465	63723.353	2899.112	1.610	4.352	2113.55	781.893	747.869	34.025
2007	175644	65977.201	62686.996	3290.205	1.873	4.987	2039.92	766.256	728.044	38.212
2008	177570	67121.344	63501.411	3619.933	2.039	5.393	2039.03	770.751	729.183	41.568
2009	172806	66622.993	62535.667	4087.326	2.365	6.135	1961.22	756.123	709.735	46.388

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	1275871.276	26445.09	0.678	2.031	2465.77	823.300	806.582	16.718

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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_18_Vary_parameter_combinations_2nd_set.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	31520.818	9.201	0.021	0.029	620.154	447.530	447.399	0.131
1992	45423	32811.446	32797.404	14.043	0.031	0.043	635.738	459.227	459.031	0.197
1993	46291	33467.735	33440.949	26.786	0.058	0.080	638.542	461.657	461.287	0.369
1994	47017	33989.389	33951.812	37.577	0.080	0.111	638.697	461.725	461.215	0.510
1995	47840	34566.580	34506.355	60.225	0.126	0.174	639.587	462.131	461.326	0.805
1996	48244	34997.958	34941.987	55.971	0.116	0.160	636.363	461.641	460.903	0.738
1997	49035	35549.658	35455.656	94.002	0.192	0.264	637.723	462.340	461.117	1.223
1998	49686	36138.033	36005.006	133.027	0.268	0.368	637.076	463.363	461.657	1.706
1999	48883	35506.142	35339.498	166.644	0.341	0.469	618.331	449.124	447.016	2.108
2000	50331	36573.306	36356.247	217.059	0.431	0.593	628.656	456.816	454.105	2.711
2001	50389	36733.445	36446.997	286.448	0.568	0.780	622.333	453.679	450.141	3.538
2002	51445	37627.700	37289.498	338.202	0.657	0.899	629.005	460.065	455.929	4.135
2003	51408	37552.784	37105.626	447.158	0.870	1.191	622.464	454.701	449.287	5.414
2004	51399	37527.823	36966.024	561.799	1.093	1.497	615.898	449.684	442.952	6.732
2005	51421	37486.186	36839.601	646.586	1.257	1.725	609.074	444.018	436.360	7.659
2006	51355	37409.496	36551.519	857.977	1.671	2.293	602.712	439.045	428.975	10.069
2007	51839	37602.867	36594.608	1008.259	1.945	2.681	602.056	436.718	425.008	11.710
2008	50976	36986.957	35911.485	1075.472	2.110	2.908	585.355	424.719	412.370	12.350
2009	51193	37201.944	35929.098	1272.846	2.486	3.421	581.003	422.215	407.769	14.446

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

Age Group:All		Null	MRTP			%Drop		Null	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	704595.558	7309.281	0.745	1.027	619.890	450.053	445.432	4.621

****

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	12652.064	10.915	0.011	0.086	1368.32	179.735	179.581	0.155
1992	93721	12337.995	12309.990	28.006	0.030	0.227	1311.71	172.682	172.290	0.392
1993	93679	12401.934	12341.523	60.411	0.064	0.487	1292.22	171.073	170.240	0.833
1994	90832	12128.576	12034.872	93.703	0.103	0.773	1233.90	164.759	163.486	1.273
1995	89698	11958.696	11828.439	130.257	0.145	1.089	1199.20	159.879	158.138	1.741
1996	88286	12020.749	11853.656	167.093	0.189	1.390	1164.54	158.560	156.356	2.204
1997	84777	11593.724	11372.781	220.943	0.261	1.906	1102.56	150.782	147.908	2.873
1998	82517	11337.035	11039.608	297.427	0.360	2.624	1058.04	145.364	141.550	3.814
1999	93939	13027.458	12582.735	444.723	0.473	3.414	1188.25	164.787	159.161	5.625
2000	90039	12607.547	12116.459	491.088	0.545	3.895	1124.63	157.474	151.340	6.134
2001	86119	12350.451	11726.794	623.657	0.724	5.050	1063.62	152.535	144.833	7.703
2002	83014	12112.097	11428.080	684.016	0.824	5.647	1014.99	148.092	139.728	8.363
2003	79302	11683.252	10908.945	774.308	0.976	6.628	960.214	141.465	132.089	9.376
2004	73861	11139.095	10247.303	891.792	1.207	8.006	885.053	133.476	122.790	10.686
2005	71649	10884.683	9893.633	991.050	1.383	9.105	848.672	128.927	117.189	11.739
2006	67551	10397.565	9255.295	1142.269	1.691	10.986	792.791	122.028	108.622	13.406
2007	63503	9785.831	8527.988	1257.843	1.981	12.854	737.521	113.652	99.044	14.609
2008	63171	9922.524	8549.525	1372.999	2.173	13.837	725.389	113.940	98.174	15.766
2009	59747	9483.598	8015.596	1468.002	2.457	15.479	678.085	107.632	90.971	16.661

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

Age Group:All		Null	MRTP			%Drop		Null	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	221332.046	11150.50	0.675	4.796	1043.56	146.971	139.922	7.049

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3111.159	4.857	0.015	0.156	461.369	44.228	44.159	0.069
1992	32560	3095.448	3085.709	9.738	0.030	0.315	455.708	43.324	43.187	0.136
1993	32768	3114.516	3095.585	18.931	0.058	0.608	452.005	42.962	42.701	0.261
1994	33005	3168.398	3139.457	28.942	0.088	0.913	448.353	43.041	42.648	0.393
1995	33730	3200.274	3158.020	42.254	0.125	1.320	450.946	42.785	42.221	0.565
1996	33750	3234.738	3179.327	55.412	0.164	1.713	445.180	42.668	41.937	0.731
1997	33699	3240.665	3174.427	66.237	0.197	2.044	438.271	42.146	41.285	0.861
1998	33274	3171.578	3078.248	93.330	0.280	2.943	426.640	40.666	39.469	1.197
1999	33891	3153.786	3030.576	123.211	0.364	3.907	428.694	39.893	38.334	1.559
2000	33827	3237.043	3083.969	153.074	0.453	4.729	422.514	40.432	38.520	1.912
2001	32506	3110.972	2923.708	187.264	0.576	6.019	401.468	38.422	36.109	2.313
2002	32078	3123.298	2914.614	208.684	0.651	6.682	392.210	38.188	35.636	2.552
2003	30568	3025.984	2793.822	232.162	0.759	7.672	370.127	36.640	33.828	2.811
2004	29388	2983.453	2703.107	280.347	0.954	9.397	352.147	35.750	32.390	3.359
2005	27954	2926.679	2614.850	311.829	1.116	10.655	331.111	34.666	30.973	3.694
2006	27201	2889.308	2534.131	355.177	1.306	12.293	319.236	33.909	29.741	4.168
2007	26302	2810.025	2409.610	400.416	1.522	14.250	305.470	32.636	27.985	4.650
2008	25998	2773.025	2350.011	423.014	1.627	15.255	298.534	31.843	26.985	4.857
2009	25040	2723.293	2255.794	467.499	1.867	17.167	284.186	30.907	25.602	5.306

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	623548	61291.743	57829.365	3462.378	0.555	5.649	394.195	38.747	36.559	2.189

****

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	11811.403	7.445	0.028	0.063	377.015	167.754	167.648	0.106
1992	26828	11981.252	11972.461	8.792	0.033	0.073	375.483	167.689	167.566	0.123
1993	29774	13348.134	13330.518	17.616	0.059	0.132	410.705	184.125	183.882	0.243
1994	29804	13404.876	13382.936	21.940	0.074	0.164	404.869	182.097	181.799	0.298
1995	29755	13407.404	13369.018	38.386	0.129	0.286	397.803	179.248	178.734	0.513
1996	30900	14056.435	14034.800	21.635	0.070	0.154	407.587	185.412	185.126	0.285
1997	31128	14163.848	14116.484	47.364	0.152	0.334	404.834	184.207	183.591	0.616
1998	32096	14738.220	14667.026	71.195	0.222	0.483	411.536	188.974	188.061	0.913
1999	34616	15867.376	15779.684	87.692	0.253	0.553	437.865	200.710	199.600	1.109
2000	34299	15766.470	15645.069	121.401	0.354	0.770	428.409	196.930	195.414	1.516
2001	34592	16091.193	15933.557	157.636	0.456	0.980	427.231	198.736	196.789	1.947
2002	34291	16120.902	15958.950	161.952	0.472	1.005	419.268	197.106	195.126	1.980
2003	35074	16455.810	16199.666	256.144	0.730	1.557	424.687	199.252	196.151	3.101
2004	33512	15694.580	15385.581	308.999	0.922	1.969	401.564	188.063	184.361	3.703
2005	35392	16549.102	16149.174	399.928	1.130	2.417	419.213	196.022	191.285	4.737
2006	33981	15926.096	15382.408	543.688	1.600	3.414	398.807	186.912	180.531	6.381
2007	34000	15778.477	15154.790	623.687	1.834	3.953	394.875	183.251	176.007	7.243
2008	37425	17438.838	16690.390	748.448	2.000	4.292	429.749	200.249	191.655	8.594
2009	36826	17214.158	16335.180	878.978	2.387	5.106	417.948	195.368	185.392	9.976

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	292114.306	4522.927	0.701	1.525	408.132	187.528	184.669	2.859

Results for PHIM for Run 3 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN2
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 3, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000

Results for PHIM for Run 3 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2403.00	26.19	139.00	5.14			
5	All Ages	Current MRTP	200.00	2.18					
5	All Ages	Current Dual	103.00	1.12					
5	All Ages	Former	2571.00	28.02			15.75	132.00	5.13

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	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

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

Results for PHIM for Run 3 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	21.00	2.30					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	20.00	2.19			3.55	5.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	4.00	1.25			
5	25-29	Current MRTP	29.00	3.03					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	111.00	11.59			5.03	20.00	18.02
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	341.00	31.75	10.00	2.56			
5	30-34	Current MRTP	34.00	3.17					
5	30-34	Current Dual	15.00	1.40					
5	30-34	Former	197.00	18.34			6.47	24.00	12.18
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	328.00	30.29	15.00	4.14			
5	35-39	Current MRTP	21.00	1.94					
5	35-39	Current Dual	13.00	1.20					
5	35-39	Former	247.00	22.81			7.95	16.00	6.48
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	9.00	3.26
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	308.00	35.86					
5	45-49	Current CC	229.00	26.66	14.00	5.36			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	290.00	33.76			14.14	6.00	2.07
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	189.00	30.00	12.00	5.91			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	235.00	37.30			17.33	9.00	3.83
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	10.00	6.85			
5	55-59	Current MRTP	10.00	1.91					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	15.00	11.54			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	244.00	47.38			19.10	5.00	2.05
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	120.00	24.00					
5	65-69	Current CC	113.00	22.60	13.00	10.66			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	258.00	51.60			22.01	9.00	3.49
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_18_Vary_parameter_combinations_2nd_set.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	19.00	22.09			
5	70-74	Current MRTP	10.00	2.23					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	256.00	57.14			22.88	7.00	2.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	69.00	19.22	14.00	17.95			
5	75-79	Current MRTP	6.00	1.67					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	213.00	59.33			24.19	8.00	3.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2172.00	23.17	246.00	8.90			
10	All Ages	Current MRTP	408.00	4.35					
10	All Ages	Current Dual	185.00	1.97					
10	All Ages	Former	2527.00	26.95			17.74	147.00	5.82

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	20.00	2.23					
10	20-24	Current Dual	14.00	1.56					
10	20-24	Former	13.00	1.45			3.08	6.00	46.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	237.00	25.90	3.00	0.93			
10	25-29	Current MRTP	45.00	4.92					
10	25-29	Current Dual	40.00	4.37					
10	25-29	Former	40.00	4.37			4.95	12.00	30.00

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	483.00	50.42					
10	30-34	Current CC	237.00	24.74	11.00	3.24			
10	30-34	Current MRTP	69.00	7.20					
10	30-34	Current Dual	33.00	3.44					
10	30-34	Former	136.00	14.20			8.23	11.00	8.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	297.00	27.65	19.00	5.07			
10	35-39	Current MRTP	58.00	5.40					
10	35-39	Current Dual	20.00	1.86					
10	35-39	Former	225.00	20.95			9.85	17.00	7.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	279.00	25.76	30.00	8.70			
10	40-44	Current MRTP	47.00	4.34					
10	40-44	Current Dual	19.00	1.75					
10	40-44	Former	268.00	24.75			11.41	19.00	7.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	244.00	25.08	24.00	8.54			
10	45-49	Current MRTP	30.00	3.08					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	290.00	29.80			15.72	15.00	5.17

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	189.00	22.00	33.00	13.58			
10	50-54	Current MRTP	39.00	4.54					
10	50-54	Current Dual	15.00	1.75					
10	50-54	Former	308.00	35.86			17.13	10.00	3.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	158.00	25.08	27.00	13.92			
10	55-59	Current MRTP	30.00	4.76					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	244.00	38.73			20.73	6.00	2.46
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	112.00	21.37	15.00	11.36			
10	60-64	Current MRTP	12.00	2.29					
10	60-64	Current Dual	8.00	1.53					
10	60-64	Former	237.00	45.23			19.70	14.00	5.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	95.00	18.45	24.00	19.35			
10	65-69	Current MRTP	22.00	4.27					
10	65-69	Current Dual	7.00	1.36					
10	65-69	Former	250.00	48.54			22.03	13.00	5.20
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	100.00	20.00	32.00	26.02			
10	70-74	Current MRTP	17.00	3.40					
10	70-74	Current Dual	6.00	1.20					
10	70-74	Former	257.00	51.40			24.77	14.00	5.45
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	54.00	12.05	28.00	33.73			
10	75-79	Current MRTP	19.00	4.24					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	259.00	57.81			26.14	10.00	3.86
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	1861.00	20.85	317.00	11.95			
15	All Ages	Current MRTP	570.00	6.39					
15	All Ages	Current Dual	222.00	2.49					
15	All Ages	Former	2418.00	27.09			19.36	124.00	5.13
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	176.00	19.64	1.00	0.39			
15	25-29	Current MRTP	52.00	5.80					
15	25-29	Current Dual	27.00	3.01					
15	25-29	Former	33.00	3.68			4.06	11.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 3 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	205.00	22.40	6.00	1.85			
15	30-34	Current MRTP	75.00	8.20					
15	30-34	Current Dual	45.00	4.92					
15	30-34	Former	70.00	7.65			6.00	13.00	18.57
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	211.00	22.03	20.00	5.99			
15	35-39	Current MRTP	85.00	8.87					
15	35-39	Current Dual	38.00	3.97					
15	35-39	Former	156.00	16.28			10.94	17.00	10.90
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	247.00	23.00	29.00	8.43			
15	40-44	Current MRTP	73.00	6.80					
15	40-44	Current Dual	24.00	2.23					
15	40-44	Former	258.00	24.02			12.60	18.00	6.98
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	245.00	22.62	43.00	12.84			
15	45-49	Current MRTP	67.00	6.19					
15	45-49	Current Dual	23.00	2.12					
15	45-49	Former	278.00	25.67			15.33	7.00	2.52
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	201.00	20.66	28.00	11.02			
15	50-54	Current MRTP	44.00	4.52					
15	50-54	Current Dual	9.00	0.92					
15	50-54	Former	317.00	32.58			18.46	14.00	4.42
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	160.00	18.63	45.00	19.40			
15	55-59	Current MRTP	57.00	6.64					
15	55-59	Current Dual	15.00	1.75					
15	55-59	Former	319.00	37.14			20.59	16.00	5.02
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	143.00	22.70	36.00	18.75			
15	60-64	Current MRTP	42.00	6.67					
15	60-64	Current Dual	7.00	1.11					
15	60-64	Former	246.00	39.05			24.02	8.00	3.25
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	101.00	19.27	28.00	21.05			
15	65-69	Current MRTP	16.00	3.05					
15	65-69	Current Dual	16.00	3.05					
15	65-69	Former	236.00	45.04			22.96	5.00	2.12
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	85.00	16.50	36.00	28.80			
15	70-74	Current MRTP	30.00	5.83					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	249.00	48.35			25.52	7.00	2.81
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	87.00	17.40	45.00	36.29			
15	75-79	Current MRTP	29.00	5.80					
15	75-79	Current Dual	8.00	1.60					
15	75-79	Former	256.00	51.20			27.14	8.00	3.13
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1504.00	17.85	361.00	14.87			

Results for PHIM for Run 3 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	679.00	8.06					
20	All Ages	Current Dual	244.00	2.90					
20	All Ages	Former	2324.00	27.58			20.53	128.00	5.51
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	161.00	17.97	5.00	1.87			
20	30-34	Current MRTP	67.00	7.48					
20	30-34	Current Dual	40.00	4.46					
20	30-34	Former	53.00	5.92			6.19	10.00	18.87
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	175.00	19.13	11.00	3.43			
20	35-39	Current MRTP	97.00	10.60					
20	35-39	Current Dual	49.00	5.36					
20	35-39	Former	92.00	10.05			8.07	15.00	16.30
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	459.00	47.91					
20	40-44	Current CC	182.00	19.00	26.00	8.07			
20	40-44	Current MRTP	99.00	10.33					
20	40-44	Current Dual	41.00	4.28					
20	40-44	Former	177.00	18.48			13.53	9.00	5.08
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	472.00	43.95					
20	45-49	Current CC	216.00	20.11	38.00	11.84			
20	45-49	Current MRTP	83.00	7.73					
20	45-49	Current Dual	22.00	2.05					
20	45-49	Former	281.00	26.16			15.48	16.00	5.69
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	194.00	17.91	46.00	15.44			
20	50-54	Current MRTP	87.00	8.03					
20	50-54	Current Dual	17.00	1.57					
20	50-54	Former	315.00	29.09			17.40	20.00	6.35
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	402.00	41.32					
20	55-59	Current CC	173.00	17.78	40.00	16.46			
20	55-59	Current MRTP	59.00	6.06					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	328.00	33.71			21.63	12.00	3.66
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	137.00	15.95	57.00	25.56			
20	60-64	Current MRTP	69.00	8.03					

Results for PHIM for Run 3 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	328.00	38.18			23.31	15.00	4.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	114.00	18.10	48.00	26.82			
20	65-69	Current MRTP	54.00	8.57					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	259.00	41.11			25.47	12.00	4.63

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	155.00	29.58					
20	70-74	Current CC	87.00	16.60	43.00	31.62			
20	70-74	Current MRTP	28.00	5.34					
20	70-74	Current Dual	21.00	4.01					
20	70-74	Former	233.00	44.47			26.45	7.00	3.00

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	65.00	12.62	47.00	40.52			
20	75-79	Current MRTP	36.00	6.99					
20	75-79	Current Dual	15.00	2.91					
20	75-79	Former	258.00	50.10			26.80	12.00	4.65

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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	124062.141	70.442	0.022	0.057	4845.61	1920.39	1919.30	1.090
1992	308577	122143.718	121912.463	231.255	0.075	0.189	4692.62	1857.47	1853.96	3.517
1993	311713	123269.216	122784.315	484.902	0.156	0.393	4656.77	1841.55	1834.31	7.244
1994	305700	120480.723	119747.457	733.266	0.240	0.609	4482.57	1766.64	1755.89	10.752
1995	303225	118666.569	117624.502	1042.067	0.344	0.878	4361.58	1706.89	1691.91	14.989
1996	299559	116607.195	115284.087	1323.108	0.442	1.135	4242.85	1651.58	1632.84	18.740
1997	294226	114665.051	113137.661	1527.390	0.519	1.332	4100.64	1598.09	1576.80	21.287
1998	289258	113038.380	111203.914	1834.466	0.634	1.623	3966.28	1549.97	1524.82	25.154
1999	311002	117067.463	114562.786	2504.677	0.805	2.140	4198.14	1580.27	1546.46	33.810
2000	303786	114977.407	112179.944	2797.463	0.921	2.433	4041.13	1529.49	1492.28	37.213
2001	296294	113047.319	109963.616	3083.703	1.041	2.728	3890.54	1484.39	1443.90	40.491
2002	291898	111744.742	108358.798	3385.944	1.160	3.030	3789.34	1450.64	1406.68	43.955
2003	285865	110551.854	106806.031	3745.823	1.310	3.388	3671.31	1419.80	1371.69	48.107
2004	274177	107418.262	103538.716	3879.546	1.415	3.612	3481.92	1364.16	1314.89	49.268
2005	272379	107678.770	103544.061	4134.709	1.518	3.840	3417.44	1351.01	1299.13	51.877
2006	264118	104357.806	100044.764	4313.043	1.633	4.133	3281.83	1296.71	1243.12	53.592
2007	258419	102690.449	98113.042	4577.407	1.771	4.457	3176.05	1262.10	1205.84	56.258
2008	259461	103492.166	98346.162	5146.004	1.983	4.972	3150.91	1256.82	1194.32	62.493
2009	253907	101384.044	95900.501	5483.543	2.160	5.409	3045.20	1215.94	1150.17	65.766

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	2222944.920	50298.76	0.865	2.213	3927.78	1535.76	1501.78	33.981

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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_18_Vary_parameter_combinations_2nd_set.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	63053.622	15.164	0.019	0.024	1213.84	975.702	975.468	0.235
1992	77987	62535.347	62491.285	44.062	0.056	0.070	1185.97	950.993	950.323	0.670
1993	78542	62883.111	62796.238	86.873	0.111	0.138	1173.36	939.428	938.130	1.298
1994	77437	61805.804	61671.206	134.598	0.174	0.218	1135.48	906.276	904.303	1.974
1995	76904	61145.799	60949.068	196.731	0.256	0.322	1106.18	879.519	876.689	2.830
1996	76232	60385.323	60131.425	253.898	0.333	0.420	1079.72	855.277	851.681	3.596
1997	75473	59549.806	59268.641	281.164	0.373	0.472	1051.87	829.947	826.029	3.919
1998	75381	59292.315	58912.300	380.015	0.504	0.641	1033.62	813.010	807.799	5.211
1999	73159	57398.351	56923.214	475.138	0.649	0.828	987.557	774.807	768.393	6.414
2000	73784	57716.549	57141.945	574.604	0.779	0.996	981.515	767.777	760.133	7.644
2001	73294	57211.877	56559.787	652.091	0.890	1.140	962.399	751.230	742.668	8.562
2002	72442	56438.810	55720.045	718.765	0.992	1.274	940.422	732.673	723.343	9.331
2003	71942	55948.341	55164.651	783.690	1.089	1.401	923.937	718.533	708.469	10.065
2004	71301	55339.218	54495.766	843.452	1.183	1.524	905.490	702.783	692.071	10.711
2005	70964	54964.459	54077.392	887.068	1.250	1.614	890.360	689.620	678.490	11.130
2006	69658	53781.526	52859.419	922.108	1.324	1.715	865.543	668.268	656.811	11.458
2007	68565	52784.985	51807.032	977.953	1.426	1.853	842.687	648.745	636.726	12.019
2008	68226	52470.692	51342.000	1128.693	1.654	2.151	828.542	637.208	623.501	13.707
2009	67509	51823.021	50603.548	1219.473	1.806	2.353	809.661	621.533	606.908	14.626

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	1149412.989	10575.54	0.716	0.912	997.213	783.665	776.521	7.145

****

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	37026.301	41.083	0.024	0.111	2599.72	573.449	572.813	0.636
1992	164548	35863.851	35720.665	143.186	0.087	0.399	2502.33	545.392	543.214	2.177
1993	164362	35459.800	35155.041	304.759	0.185	0.859	2455.45	529.744	525.191	4.553
1994	159866	34293.631	33843.564	450.067	0.282	1.312	2344.16	502.857	496.258	6.599
1995	158083	33531.695	32906.654	625.041	0.395	1.864	2273.86	482.318	473.328	8.991
1996	154875	32438.163	31659.340	778.823	0.503	2.401	2193.60	459.443	448.412	11.031
1997	149970	31179.663	30270.875	908.788	0.606	2.915	2090.14	434.552	421.886	12.666
1998	145407	29860.736	28830.328	1030.409	0.709	3.451	1993.81	409.447	395.318	14.129
1999	165952	34413.904	32950.036	1463.869	0.882	4.254	2240.15	464.545	444.785	19.760
2000	160260	33265.290	31679.131	1586.159	0.990	4.768	2131.87	442.513	421.413	21.100
2001	154444	32074.102	30347.273	1726.829	1.118	5.384	2027.95	421.154	398.480	22.674
2002	151887	31817.956	29921.140	1896.816	1.249	5.961	1971.76	413.052	388.428	24.624
2003	146733	31025.931	28906.807	2119.124	1.444	6.830	1884.46	398.460	371.244	27.215
2004	138381	29503.602	27321.336	2182.266	1.577	7.397	1757.38	374.682	346.969	27.714
2005	135881	29077.894	26757.851	2320.043	1.707	7.979	1704.85	364.830	335.721	29.109
2006	131922	28385.448	25920.645	2464.802	1.868	8.683	1639.21	352.707	322.080	30.627
2007	126502	27327.625	24725.330	2602.296	2.057	9.523	1554.75	335.866	303.882	31.983
2008	125859	27025.472	24189.986	2835.486	2.253	10.492	1528.44	328.199	293.765	34.434
2009	122428	26361.626	23347.806	3013.820	2.462	11.433	1468.33	316.165	280.019	36.146

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	609863.008	28493.66	0.951	4.464	2024.64	431.261	412.011	19.250

****

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_18_Vary_parameter_combinations_2nd_set.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	4481.866	6.116	0.019	0.136	504.630	69.431	69.336	0.095
1992	32100	4371.196	4350.562	20.634	0.064	0.472	488.154	66.474	66.160	0.314
1993	32896	4414.136	4366.250	47.886	0.146	1.085	491.442	65.944	65.229	0.715
1994	33323	4474.895	4399.044	75.851	0.228	1.695	488.625	65.617	64.504	1.112
1995	33569	4476.290	4364.550	111.740	0.333	2.496	482.855	64.387	62.780	1.607
1996	33870	4489.078	4340.670	148.408	0.438	3.306	479.723	63.582	61.480	2.102
1997	33516	4444.866	4263.081	181.786	0.542	4.090	467.113	61.948	59.415	2.534
1998	32795	4313.427	4123.622	189.804	0.579	4.400	449.682	59.145	56.543	2.603
1999	33375	4232.739	4007.637	225.102	0.674	5.318	450.521	57.137	54.098	3.039
2000	33459	4307.577	4067.169	240.408	0.719	5.581	445.090	57.302	54.104	3.198
2001	32275	4136.308	3885.681	250.628	0.777	6.059	423.792	54.312	51.022	3.291
2002	31586	4079.175	3814.103	265.072	0.839	6.498	410.041	52.955	49.514	3.441
2003	30985	4096.221	3778.901	317.320	1.024	7.747	397.934	52.607	48.532	4.075
2004	29884	4034.217	3708.196	326.021	1.091	8.081	379.513	51.233	47.092	4.140
2005	28708	3944.303	3606.487	337.816	1.177	8.565	360.189	49.488	45.249	4.238
2006	28188	3970.169	3599.642	370.527	1.314	9.333	350.253	49.332	44.728	4.604
2007	28026	3957.558	3551.125	406.432	1.450	10.270	344.449	48.640	43.645	4.995
2008	27128	3812.302	3397.795	414.506	1.528	10.873	329.444	46.297	41.263	5.034
2009	27068	3827.467	3365.336	462.131	1.707	12.074	324.637	45.904	40.362	5.543

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

Age Group:All		Null	MRTP			%Drop		Null	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	80059.314	4398.190	0.700	5.208	424.421	57.058	54.086	2.971

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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	19500.351	8.079	0.024	0.041	527.418	301.804	301.679	0.125
1992	33942	19373.324	19349.951	23.373	0.069	0.121	516.166	294.616	294.260	0.355
1993	35913	20512.169	20466.785	45.384	0.126	0.221	536.514	306.437	305.759	0.678
1994	35074	19906.392	19833.643	72.749	0.207	0.365	514.300	291.893	290.826	1.067
1995	34669	19512.784	19404.230	108.555	0.313	0.556	498.677	280.671	279.110	1.561
1996	34582	19294.631	19152.652	141.979	0.411	0.736	489.808	273.283	271.272	2.011
1997	35267	19490.717	19335.065	155.652	0.441	0.799	491.517	271.643	269.473	2.169
1998	35675	19571.902	19337.664	234.238	0.657	1.197	489.172	268.368	265.156	3.212
1999	38516	21022.469	20681.900	340.569	0.884	1.620	519.919	283.777	279.180	4.597
2000	36283	19687.992	19291.699	396.292	1.092	2.013	482.656	261.900	256.629	5.272
2001	36281	19625.032	19170.876	454.156	1.252	2.314	476.394	257.690	251.726	5.963
2002	35983	19408.801	18903.510	505.291	1.404	2.603	467.122	251.960	245.400	6.560
2003	36205	19481.360	18955.672	525.688	1.452	2.698	464.974	250.195	243.444	6.751
2004	34611	18541.224	18013.417	527.807	1.525	2.847	439.544	235.465	228.762	6.703
2005	36826	19692.114	19102.331	589.783	1.602	2.995	462.043	247.070	239.670	7.400
2006	34350	18220.663	17665.058	555.605	1.617	3.049	426.820	226.403	219.499	6.904
2007	35326	18620.282	18029.556	590.726	1.672	3.172	434.168	228.849	221.589	7.260
2008	38248	20183.701	19416.381	767.320	2.006	3.802	464.487	245.112	235.794	9.318
2009	36902	19371.930	18583.811	788.119	2.136	4.068	442.580	232.335	222.883	9.452

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	383609.609	6831.365	0.958	1.750	481.512	263.774	259.159	4.615

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN2
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 4, Scenario: STP_NULL

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

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

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 4, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1957.00	21.55	119.00	5.35			
5	All Ages	Current MRTP	193.00	2.13					
5	All Ages	Current Dual	74.00	0.81					
5	All Ages	Former	1974.00	21.74			14.92	106.00	5.37

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	19.00	2.25			3.16	7.00	36.84
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	457.00	54.99					
5	25-29	Current CC	198.00	23.83	11.00	4.56			
5	25-29	Current MRTP	26.00	3.13					
5	25-29	Current Dual	17.00	2.05					
5	25-29	Former	133.00	16.00			5.55	10.00	7.52
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	516.00	51.65					
5	30-34	Current CC	270.00	27.03	12.00	4.03			
5	30-34	Current MRTP	19.00	1.90					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	185.00	18.52			7.69	13.00	7.03
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	550.00	49.02					
5	35-39	Current CC	289.00	25.76	10.00	3.02			
5	35-39	Current MRTP	33.00	2.94					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	241.00	21.48			8.45	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	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.44			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	256.00	26.39			11.41	16.00	6.25
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	165.00	20.35	10.00	5.41			
5	45-49	Current MRTP	13.00	1.60					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	204.00	25.15			11.24	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	143.00	23.03	10.00	6.37			
5	50-54	Current MRTP	13.00	2.09					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	163.00	26.25			15.56	10.00	6.13
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	118.00	22.06	7.00	5.30			
5	55-59	Current MRTP	13.00	2.43					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	151.00	28.22			15.46	3.00	1.99
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	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	13.00	11.02			
5	65-69	Current MRTP	10.00	1.87					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	158.00	29.48			22.04	7.00	4.43
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	14.00	16.28			
5	70-74	Current MRTP	10.00	1.86					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	173.00	32.10			25.12	4.00	2.31

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	12.00	20.00			
5	75-79	Current MRTP	9.00	1.85					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	159.00	32.72			28.17	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	4869.00	53.45					
10	All Ages	Current CC	1753.00	19.24	192.00	8.52			
10	All Ages	Current MRTP	346.00	3.80					
10	All Ages	Current Dual	155.00	1.70					
10	All Ages	Former	1986.00	21.80			16.44	101.00	5.09

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	632.00	77.74					
10	20-24	Current CC	136.00	16.73	0.00	0.00			
10	20-24	Current MRTP	21.00	2.58					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	11.00	1.35			3.73	2.00	18.18

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	202.00	23.93	5.00	1.78			
10	25-29	Current MRTP	50.00	5.92					
10	25-29	Current Dual	29.00	3.44					
10	25-29	Former	36.00	4.27			4.92	8.00	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	423.00	50.90					
10	30-34	Current CC	174.00	20.94	14.00	5.49			
10	30-34	Current MRTP	46.00	5.54					
10	30-34	Current Dual	35.00	4.21					
10	30-34	Former	153.00	18.41			9.04	13.00	8.50

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	233.00	23.32	22.00	7.33			
10	35-39	Current MRTP	44.00	4.40					
10	35-39	Current Dual	23.00	2.30					
10	35-39	Former	206.00	20.62			10.76	16.00	7.77

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	240.00	21.39	21.00	6.95			
10	40-44	Current MRTP	44.00	3.92					
10	40-44	Current Dual	18.00	1.60					
10	40-44	Former	280.00	24.96			11.26	17.00	6.07

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	172.00	17.73	22.00	10.53			
10	45-49	Current MRTP	28.00	2.89					
10	45-49	Current Dual	9.00	0.93					
10	45-49	Former	272.00	28.04			15.02	8.00	2.94

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	144.00	17.76	20.00	11.63			
10	50-54	Current MRTP	23.00	2.84					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	217.00	26.76			14.58	7.00	3.23
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	121.00	19.48	15.00	10.34			
10	55-59	Current MRTP	20.00	3.22					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	175.00	28.18			18.43	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	11.00	9.09			
10	60-64	Current MRTP	17.00	3.18					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	162.00	30.28			18.65	4.00	2.47
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	87.00	17.83	13.00	12.75			
10	65-69	Current MRTP	12.00	2.46					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	136.00	27.87			24.28	4.00	2.94
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	82.00	15.30	18.00	16.82			
10	70-74	Current MRTP	19.00	3.54					
10	70-74	Current Dual	6.00	1.12					
10	70-74	Former	169.00	31.53			24.38	9.00	5.33
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	61.00	11.32	31.00	34.44			
10	75-79	Current MRTP	22.00	4.08					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	169.00	31.35			28.18	7.00	4.14
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1448.00	16.90	245.00	11.53			
15	All Ages	Current MRTP	468.00	5.46					
15	All Ages	Current Dual	208.00	2.43					
15	All Ages	Former	1983.00	23.14			17.86	102.00	5.14
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	143.00	17.59	3.00	1.36			
15	25-29	Current MRTP	50.00	6.15					
15	25-29	Current Dual	28.00	3.44					
15	25-29	Former	23.00	2.83			4.09	10.00	43.48
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	482.00	57.11					

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	180.00	21.33	9.00	3.02			
15	30-34	Current MRTP	75.00	8.89					
15	30-34	Current Dual	43.00	5.09					
15	30-34	Former	64.00	7.58			6.06	13.00	20.31
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	145.00	17.45	23.00	9.66			
15	35-39	Current MRTP	56.00	6.74					
15	35-39	Current Dual	37.00	4.45					
15	35-39	Former	184.00	22.14			11.47	16.00	8.70
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	489.00	48.95					
15	40-44	Current CC	199.00	19.92	35.00	12.11			
15	40-44	Current MRTP	60.00	6.01					
15	40-44	Current Dual	30.00	3.00					
15	40-44	Former	221.00	22.12			14.13	8.00	3.62
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	199.00	17.74	28.00	9.82			
15	45-49	Current MRTP	64.00	5.70					
15	45-49	Current Dual	22.00	1.96					
15	45-49	Former	297.00	26.47			14.90	9.00	3.03
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	139.00	14.33	31.00	15.98			
15	50-54	Current MRTP	41.00	4.23					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	287.00	29.59			18.17	11.00	3.83
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	125.00	15.41	27.00	16.67			
15	55-59	Current MRTP	28.00	3.45					
15	55-59	Current Dual	9.00	1.11					
15	55-59	Former	227.00	27.99			17.96	8.00	3.52
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	97.00	15.62	18.00	13.64			
15	60-64	Current MRTP	29.00	4.67					
15	60-64	Current Dual	6.00	0.97					
15	60-64	Former	188.00	30.27			21.11	3.00	1.60
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	90.00	16.82	24.00	20.69			
15	65-69	Current MRTP	22.00	4.11					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	66.00	13.52	20.00	21.74			
15	70-74	Current MRTP	18.00	3.69					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	146.00	29.92			25.54	6.00	4.11
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	65.00	12.13	27.00	27.84			
15	75-79	Current MRTP	25.00	4.66					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	179.00	33.40			25.96	11.00	6.15
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	4144.00	51.58					
20	All Ages	Current CC	1178.00	14.66	281.00	14.55			

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	533.00	6.63					
20	All Ages	Current Dual	220.00	2.74					
20	All Ages	Former	1959.00	24.38			19.50	96.00	4.90
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	132.00	16.24	5.00	2.14			
20	30-34	Current MRTP	67.00	8.24					
20	30-34	Current Dual	35.00	4.31					
20	30-34	Former	43.00	5.29			5.77	8.00	18.60
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	146.00	17.30	13.00	4.56			
20	35-39	Current MRTP	94.00	11.14					
20	35-39	Current Dual	45.00	5.33					
20	35-39	Former	93.00	11.02			7.84	14.00	15.05
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	120.00	14.44	27.00	12.16			
20	40-44	Current MRTP	63.00	7.58					
20	40-44	Current Dual	39.00	4.69					
20	40-44	Former	210.00	25.27			14.40	6.00	2.86
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	176.00	17.62	40.00	14.81			
20	45-49	Current MRTP	64.00	6.41					
20	45-49	Current Dual	30.00	3.00					
20	45-49	Former	240.00	24.02			17.03	7.00	2.92
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	540.00	48.13					
20	50-54	Current CC	167.00	14.88	40.00	14.98			
20	50-54	Current MRTP	75.00	6.68					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	315.00	28.07			17.88	16.00	5.08
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	118.00	12.16	39.00	21.79			
20	55-59	Current MRTP	48.00	4.95					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	302.00	31.13			21.08	11.00	3.64
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	102.00	12.58	34.00	22.82			
20	60-64	Current MRTP	38.00	4.69					

Results for PHIM for Run 4 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	9.00	1.11					
20	60-64	Former	240.00	29.59			20.89	11.00	4.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	85.00	13.69	24.00	18.90			
20	65-69	Current MRTP	34.00	5.48					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	193.00	31.08			24.35	5.00	2.59

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	74.00	13.83	26.00	24.53			
20	70-74	Current MRTP	27.00	5.05					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	177.00	33.08			24.66	8.00	4.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	33.00	35.87			
20	75-79	Current MRTP	23.00	4.71					
20	75-79	Current Dual	11.00	2.25					
20	75-79	Former	146.00	29.92			27.68	10.00	6.85

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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	59095.444	32.418	0.016	0.055	2826.86	839.248	838.787	0.460
1992	198532	60226.142	60165.563	60.579	0.031	0.101	2778.64	842.922	842.074	0.848
1993	202512	62332.320	62210.982	121.338	0.060	0.195	2793.47	859.818	858.144	1.674
1994	200658	62691.239	62516.133	175.106	0.087	0.279	2725.82	851.622	849.244	2.379
1995	201023	63132.954	62874.050	258.904	0.129	0.410	2687.54	844.043	840.582	3.461
1996	201180	64309.880	64036.521	273.359	0.136	0.425	2653.67	848.280	844.674	3.606
1997	198639	64547.894	64159.205	388.688	0.196	0.602	2583.39	839.475	834.420	5.055
1998	197573	65384.866	64845.354	539.512	0.273	0.825	2533.29	838.367	831.449	6.918
1999	211329	67554.762	66800.551	754.211	0.357	1.116	2673.14	854.513	844.973	9.540
2000	208496	68184.366	67285.209	899.157	0.431	1.319	2604.20	851.652	840.421	11.231
2001	203606	68286.060	67125.408	1160.653	0.570	1.700	2514.65	843.372	829.038	14.335
2002	200828	68983.996	67706.842	1277.154	0.636	1.851	2455.47	843.450	827.835	15.615
2003	196352	68717.830	67143.297	1574.534	0.802	2.291	2377.49	832.057	812.992	19.065
2004	188160	67344.952	65445.258	1899.694	1.010	2.821	2254.66	806.974	784.210	22.763
2005	186416	67846.650	65659.463	2187.187	1.173	3.224	2208.07	803.634	777.727	25.907
2006	180088	66622.465	63885.874	2736.591	1.520	4.108	2113.55	781.893	749.776	32.117
2007	175644	65977.201	62878.186	3099.015	1.764	4.697	2039.92	766.256	730.265	35.992
2008	177570	67121.344	63726.623	3394.721	1.912	5.058	2039.03	770.751	731.770	38.981
2009	172806	66622.993	62778.267	3844.726	2.225	5.771	1961.22	756.123	712.488	43.635

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	1277638.820	24677.54	0.633	1.895	2465.77	823.300	807.699	15.601

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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_18_Vary_parameter_combinations_2nd_set.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	31520.818	9.201	0.021	0.029	620.154	447.530	447.399	0.131
1992	45423	32811.446	32797.404	14.043	0.031	0.043	635.738	459.227	459.031	0.197
1993	46291	33467.735	33441.596	26.139	0.056	0.078	638.542	461.657	461.296	0.361
1994	47017	33989.389	33953.789	35.600	0.076	0.105	638.697	461.725	461.241	0.484
1995	47840	34566.580	34509.667	56.913	0.119	0.165	639.587	462.131	461.370	0.761
1996	48244	34997.958	34949.318	48.640	0.101	0.139	636.363	461.641	460.999	0.642
1997	49035	35549.658	35466.914	82.744	0.169	0.233	637.723	462.340	461.263	1.076
1998	49686	36138.033	36020.633	117.401	0.236	0.325	637.076	463.363	461.858	1.505
1999	48883	35506.142	35356.764	149.377	0.306	0.421	618.331	449.124	447.235	1.890
2000	50331	36573.306	36377.920	195.387	0.388	0.534	628.656	456.816	454.376	2.440
2001	50389	36733.445	36472.639	260.806	0.518	0.710	622.333	453.679	450.458	3.221
2002	51445	37627.700	37319.951	307.749	0.598	0.818	629.005	460.065	456.302	3.763
2003	51408	37552.784	37142.357	410.427	0.798	1.093	622.464	454.701	449.732	4.970
2004	51399	37527.823	37006.054	521.769	1.015	1.390	615.898	449.684	443.432	6.252
2005	51421	37486.186	36885.797	600.389	1.168	1.602	609.074	444.018	436.907	7.112
2006	51355	37409.496	36596.488	813.008	1.583	2.173	602.712	439.045	429.503	9.542
2007	51839	37602.867	36650.965	951.903	1.836	2.531	602.056	436.718	425.663	11.055
2008	50976	36986.957	35976.569	1010.387	1.982	2.732	585.355	424.719	413.117	11.602
2009	51193	37201.944	36001.897	1200.047	2.344	3.226	581.003	422.215	408.595	13.620

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	705092.909	6811.930	0.695	0.957	619.890	450.053	445.747	4.306

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12652.064	10.915	0.011	0.086	1368.32	179.735	179.581	0.155
1992	93721	12337.995	12309.990	28.006	0.030	0.227	1311.71	172.682	172.290	0.392
1993	93679	12401.934	12342.530	59.404	0.063	0.479	1292.22	171.073	170.254	0.819
1994	90832	12128.576	12037.778	90.797	0.100	0.749	1233.90	164.759	163.526	1.233
1995	89698	11958.696	11833.505	125.191	0.140	1.047	1199.20	159.879	158.206	1.674
1996	88286	12020.749	11863.564	157.185	0.178	1.308	1164.54	158.560	156.486	2.073
1997	84777	11593.724	11386.922	206.801	0.244	1.784	1102.56	150.782	148.092	2.690
1998	82517	11337.035	11059.230	277.805	0.337	2.450	1058.04	145.364	141.802	3.562
1999	93939	13027.458	12609.869	417.588	0.445	3.205	1188.25	164.787	159.505	5.282
2000	90039	12607.547	12149.277	458.270	0.509	3.635	1124.63	157.474	151.750	5.724
2001	86119	12350.451	11763.312	587.139	0.682	4.754	1063.62	152.535	145.284	7.252
2002	83014	12112.097	11474.139	637.957	0.768	5.267	1014.99	148.092	140.291	7.800
2003	79302	11683.252	10961.732	721.520	0.910	6.176	960.214	141.465	132.728	8.736
2004	73861	11139.095	10303.247	835.848	1.132	7.504	885.053	133.476	123.461	10.016
2005	71649	10884.683	9955.044	929.639	1.297	8.541	848.672	128.927	117.916	11.011
2006	67551	10397.565	9323.443	1074.121	1.590	10.331	792.791	122.028	109.422	12.606
2007	63503	9785.831	8603.746	1182.085	1.861	12.080	737.521	113.652	99.924	13.729
2008	63171	9922.524	8637.629	1284.895	2.034	12.949	725.389	113.940	99.185	14.754
2009	59747	9483.598	8108.313	1375.284	2.302	14.502	678.085	107.632	92.023	15.608

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	222022.097	10460.45	0.634	4.499	1043.56	146.971	140.358	6.613

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3111.159	4.857	0.015	0.156	461.369	44.228	44.159	0.069
1992	32560	3095.448	3085.709	9.738	0.030	0.315	455.708	43.324	43.187	0.136
1993	32768	3114.516	3095.906	18.611	0.057	0.598	452.005	42.962	42.705	0.257
1994	33005	3168.398	3140.355	28.043	0.085	0.885	448.353	43.041	42.660	0.381
1995	33730	3200.274	3159.684	40.590	0.120	1.268	450.946	42.785	42.243	0.543
1996	33750	3234.738	3182.783	51.956	0.154	1.606	445.180	42.668	41.983	0.685
1997	33699	3240.665	3179.601	61.063	0.181	1.884	438.271	42.146	41.352	0.794
1998	33274	3171.578	3085.226	86.352	0.260	2.723	426.640	40.666	39.559	1.107
1999	33891	3153.786	3039.101	114.685	0.338	3.636	428.694	39.893	38.442	1.451
2000	33827	3237.043	3094.813	142.230	0.420	4.394	422.514	40.432	38.656	1.777
2001	32506	3110.972	2933.942	177.030	0.545	5.691	401.468	38.422	36.236	2.186
2002	32078	3123.298	2928.228	195.070	0.608	6.246	392.210	38.188	35.803	2.385
2003	30568	3025.984	2808.979	217.005	0.710	7.171	370.127	36.640	34.012	2.628
2004	29388	2983.453	2720.050	263.404	0.896	8.829	352.147	35.750	32.594	3.156
2005	27954	2926.679	2633.292	293.387	1.050	10.025	331.111	34.666	31.191	3.475
2006	27201	2889.308	2555.823	333.485	1.226	11.542	319.236	33.909	29.996	3.914
2007	26302	2810.025	2432.784	377.241	1.434	13.425	305.470	32.636	28.254	4.381
2008	25998	2773.025	2376.012	397.012	1.527	14.317	298.534	31.843	27.284	4.559
2009	25040	2723.293	2283.789	439.504	1.755	16.139	284.186	30.907	25.919	4.988

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

Age Group:All		Null	MRTP			%Drop		Null	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	58040.480	3251.263	0.521	5.305	394.195	38.747	36.692	2.055

****

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	11811.403	7.445	0.028	0.063	377.015	167.754	167.648	0.106
1992	26828	11981.252	11972.461	8.792	0.033	0.073	375.483	167.689	167.566	0.123
1993	29774	13348.134	13330.949	17.184	0.058	0.129	410.705	184.125	183.888	0.237
1994	29804	13404.876	13384.211	20.665	0.069	0.154	404.869	182.097	181.816	0.281
1995	29755	13407.404	13371.195	36.210	0.122	0.270	397.803	179.248	178.763	0.484
1996	30900	14056.435	14040.857	15.578	0.050	0.111	407.587	185.412	185.206	0.205
1997	31128	14163.848	14125.768	38.080	0.122	0.269	404.834	184.207	183.712	0.495
1998	32096	14738.220	14680.266	57.954	0.181	0.393	411.536	188.974	188.231	0.743
1999	34616	15867.376	15794.816	72.560	0.210	0.457	437.865	200.710	199.792	0.918
2000	34299	15766.470	15663.199	103.271	0.301	0.655	428.409	196.930	195.640	1.290
2001	34592	16091.193	15955.515	135.678	0.392	0.843	427.231	198.736	197.060	1.676
2002	34291	16120.902	15984.524	136.378	0.398	0.846	419.268	197.106	195.439	1.667
2003	35074	16455.810	16230.229	225.581	0.643	1.371	424.687	199.252	196.521	2.731
2004	33512	15694.580	15415.907	278.673	0.832	1.776	401.564	188.063	184.724	3.339
2005	35392	16549.102	16185.330	363.772	1.028	2.198	419.213	196.022	191.713	4.309
2006	33981	15926.096	15410.119	515.977	1.518	3.240	398.807	186.912	180.856	6.056
2007	34000	15778.477	15190.692	587.786	1.729	3.725	394.875	183.251	176.424	6.827
2008	37425	17438.838	16736.412	702.425	1.877	4.028	429.749	200.249	192.183	8.066
2009	36826	17214.158	16384.268	829.890	2.254	4.821	417.948	195.368	185.950	9.419

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	292483.334	4153.899	0.643	1.400	408.132	187.528	184.902	2.626

Results for PHIM for Run 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN3
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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STP values for Run: 5, Scenario: STP_MRTP

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

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000

Results for PHIM for Run 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2408.00	26.24	127.00	4.74			
5	All Ages	Current MRTP	179.00	1.95					
5	All Ages	Current Dual	95.00	1.04					
5	All Ages	Former	2595.00	28.28			15.61	153.00	5.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

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

Results for PHIM for Run 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	20.00	2.19					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	21.00	2.30			3.38	6.00	28.57
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	2.00	0.64			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	17.00	1.77					
5	25-29	Former	118.00	12.32			4.75	27.00	22.88
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	342.00	31.84	9.00	2.34			
5	30-34	Current MRTP	30.00	2.79					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	202.00	18.81			6.34	28.00	13.86
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	328.00	30.29	13.00	3.64			
5	35-39	Current MRTP	18.00	1.66					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	252.00	23.27			7.81	20.00	7.94
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	10.00	3.62
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	230.00	26.78	13.00	4.98			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	290.00	33.76			14.15	5.00	1.72
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	190.00	30.16	12.00	5.88			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	234.00	37.14			17.40	9.00	3.85
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	9.00	6.25			
5	55-59	Current MRTP	7.00	1.34					
5	55-59	Current Dual	5.00	0.95					
5	55-59	Former	225.00	42.94			16.72	15.00	6.67
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	14.00	10.94			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	246.00	47.77			18.95	7.00	2.85
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	13.00	10.57			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.09	9.00	3.50
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	17.00	20.24			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	258.00	57.59			22.70	9.00	3.49

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	70.00	19.50	12.00	15.79			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	215.00	59.89			23.99	8.00	3.72

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2184.00	23.30	199.00	7.50			
10	All Ages	Current MRTP	332.00	3.54					
10	All Ages	Current Dual	136.00	1.45					
10	All Ages	Former	2640.00	28.16			17.08	198.00	7.50

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	17.00	1.90			2.71	8.00	47.06

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	238.00	26.01	3.00	0.96			
10	25-29	Current MRTP	41.00	4.48					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	50.00	5.46			4.30	18.00	36.00

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	483.00	50.42					
10	30-34	Current CC	240.00	25.05	8.00	2.52			
10	30-34	Current MRTP	50.00	5.22					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	157.00	16.39			7.48	20.00	12.74

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	474.00	44.13					
10	35-39	Current CC	301.00	28.03	16.00	4.41			
10	35-39	Current MRTP	47.00	4.38					
10	35-39	Current Dual	15.00	1.40					
10	35-39	Former	237.00	22.07			9.56	18.00	7.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	278.00	25.67	24.00	7.25			
10	40-44	Current MRTP	41.00	3.79					
10	40-44	Current Dual	12.00	1.11					
10	40-44	Former	282.00	26.04			10.99	25.00	8.87

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	244.00	25.08	19.00	6.91			
10	45-49	Current MRTP	27.00	2.77					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	296.00	30.42			15.42	19.00	6.42

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 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	190.00	22.12	29.00	12.29			
10	50-54	Current MRTP	35.00	4.07					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	315.00	36.67			16.79	13.00	4.13
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	159.00	25.24	22.00	11.83			
10	55-59	Current MRTP	25.00	3.97					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	252.00	40.00			20.07	15.00	5.95
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	113.00	21.56	13.00	10.16			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	8.00	1.53					
10	60-64	Former	241.00	45.99			19.45	14.00	5.81
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	95.00	18.45	17.00	15.18			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	262.00	50.87			21.13	19.00	7.25
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	102.00	20.40	29.00	24.17			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	260.00	52.00			24.49	16.00	6.15
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	54.00	12.05	19.00	26.76			
10	75-79	Current MRTP	13.00	2.90					
10	75-79	Current Dual	4.00	0.89					
10	75-79	Former	271.00	60.49			25.07	13.00	4.80
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	1885.00	21.12	254.00	10.31			
15	All Ages	Current MRTP	424.00	4.75					
15	All Ages	Current Dual	155.00	1.74					
15	All Ages	Former	2607.00	29.20			18.30	168.00	6.44
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	177.00	19.75	1.00	0.41			
15	25-29	Current MRTP	47.00	5.25					
15	25-29	Current Dual	22.00	2.46					
15	25-29	Former	42.00	4.69			3.98	14.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	210.00	22.95	6.00	2.01			
15	30-34	Current MRTP	57.00	6.23					
15	30-34	Current Dual	31.00	3.39					
15	30-34	Former	97.00	10.60			5.32	22.00	22.68
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	216.00	22.55	15.00	5.02			
15	35-39	Current MRTP	55.00	5.74					
15	35-39	Current Dual	28.00	2.92					
15	35-39	Former	191.00	19.94			9.87	24.00	12.57
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	249.00	23.18	23.00	7.10			
15	40-44	Current MRTP	58.00	5.40					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	278.00	25.88			12.15	19.00	6.83
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	247.00	22.81	32.00	10.19			
15	45-49	Current MRTP	54.00	4.99					
15	45-49	Current Dual	13.00	1.20					
15	45-49	Former	299.00	27.61			14.63	11.00	3.68
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	202.00	20.76	27.00	10.89			
15	50-54	Current MRTP	38.00	3.91					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	323.00	33.20			18.21	15.00	4.64
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	162.00	18.86	34.00	16.04			
15	55-59	Current MRTP	44.00	5.12					
15	55-59	Current Dual	6.00	0.70					
15	55-59	Former	339.00	39.46			19.60	22.00	6.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	143.00	22.70	33.00	18.54			
15	60-64	Current MRTP	29.00	4.60					
15	60-64	Current Dual	6.00	0.95					
15	60-64	Former	260.00	41.27			22.90	10.00	3.85
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	105.00	20.04	25.00	19.69			
15	65-69	Current MRTP	8.00	1.53					
15	65-69	Current Dual	14.00	2.67					
15	65-69	Former	242.00	46.18			22.56	7.00	2.89
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	26.00	23.85			
15	70-74	Current MRTP	17.00	3.30					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	265.00	51.46			24.33	10.00	3.77
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	32.00	29.36			
15	75-79	Current MRTP	17.00	3.40					
15	75-79	Current Dual	4.00	0.80					
15	75-79	Former	271.00	54.20			25.81	14.00	5.17
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1539.00	18.26	283.00	13.26			

Results for PHIM for Run 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	442.00	5.25					
20	All Ages	Current Dual	153.00	1.82					
20	All Ages	Former	2617.00	31.05			18.93	185.00	7.07
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	163.00	18.19	6.00	2.47			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	27.00	3.01					
20	30-34	Former	78.00	8.71			5.68	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	502.00	54.86					
20	35-39	Current CC	182.00	19.89	15.00	5.34			
20	35-39	Current MRTP	71.00	7.76					
20	35-39	Current Dual	28.00	3.06					
20	35-39	Former	132.00	14.43			7.46	20.00	15.15
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	188.00	19.62	20.00	7.27			
20	40-44	Current MRTP	58.00	6.05					
20	40-44	Current Dual	29.00	3.03					
20	40-44	Former	224.00	23.38			12.37	15.00	6.70
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	223.00	20.76	30.00	10.27			
20	45-49	Current MRTP	55.00	5.12					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	310.00	28.86			14.72	22.00	7.10
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	198.00	18.28	37.00	13.86			
20	50-54	Current MRTP	61.00	5.63					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	346.00	31.95			16.47	24.00	6.94
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	175.00	17.99	32.00	14.55			
20	55-59	Current MRTP	37.00	3.80					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	351.00	36.07			20.46	24.00	6.84
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	138.00	16.07	42.00	21.65			
20	60-64	Current MRTP	45.00	5.24					

Results for PHIM for Run 5 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	11.00	1.28					
20	60-64	Former	357.00	41.56			21.90	18.00	5.04

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	116.00	18.41	42.00	26.58			
20	65-69	Current MRTP	32.00	5.08					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.03	15.00	5.36

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	90.00	17.18	32.00	27.35			
20	70-74	Current MRTP	16.00	3.05					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	252.00	48.09			24.85	10.00	3.97

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	66.00	12.82	27.00	31.03			
20	75-79	Current MRTP	14.00	2.72					
20	75-79	Current Dual	7.00	1.36					
20	75-79	Former	287.00	55.73			24.72	22.00	7.67

****

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	124062.141	70.442	0.022	0.057	4845.61	1920.39	1919.30	1.090
1992	308577	122143.718	121909.903	233.815	0.076	0.191	4692.62	1857.47	1853.92	3.556
1993	311713	123269.216	122789.296	479.920	0.154	0.389	4656.77	1841.55	1834.38	7.170
1994	305700	120480.723	119756.174	724.549	0.237	0.601	4482.57	1766.64	1756.02	10.624
1995	303225	118666.569	117636.800	1029.769	0.340	0.868	4361.58	1706.89	1692.08	14.812
1996	299559	116607.195	115294.353	1312.842	0.438	1.126	4242.85	1651.58	1632.99	18.595
1997	294226	114665.051	113144.369	1520.682	0.517	1.326	4100.64	1598.09	1576.90	21.194
1998	289258	113038.380	111188.931	1849.449	0.639	1.636	3966.28	1549.97	1524.61	25.359
1999	311002	117067.463	114511.441	2556.022	0.822	2.183	4198.14	1580.27	1545.76	34.503
2000	303786	114977.407	112092.143	2885.265	0.950	2.509	4041.13	1529.49	1491.11	38.381
2001	296294	113047.319	109822.323	3224.996	1.088	2.853	3890.54	1484.39	1442.04	42.346
2002	291898	111744.742	108184.134	3560.608	1.220	3.186	3789.34	1450.64	1404.42	46.223
2003	285865	110551.854	106600.914	3950.939	1.382	3.574	3671.31	1419.80	1369.05	50.741
2004	274177	107418.262	103318.218	4100.044	1.495	3.817	3481.92	1364.16	1312.09	52.069
2005	272379	107678.770	103317.512	4361.258	1.601	4.050	3417.44	1351.01	1296.29	54.719
2006	264118	104357.806	99772.995	4584.812	1.736	4.393	3281.83	1296.71	1239.74	56.969
2007	258419	102690.449	97809.450	4880.999	1.889	4.753	3176.05	1262.10	1202.11	59.989
2008	259461	103492.166	98009.755	5482.411	2.113	5.297	3150.91	1256.82	1190.24	66.579
2009	253907	101384.044	95524.788	5859.256	2.308	5.779	3045.20	1215.94	1145.67	70.272

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2220575.603	52668.08	0.906	2.317	3927.78	1535.76	1500.18	35.582

****

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_18_Vary_parameter_combinations_2nd_set.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	63053.622	15.164	0.019	0.024	1213.84	975.702	975.468	0.235
1992	77987	62535.347	62490.997	44.350	0.057	0.071	1185.97	950.993	950.319	0.674
1993	78542	62883.111	62797.459	85.652	0.109	0.136	1173.36	939.428	938.148	1.280
1994	77437	61805.804	61673.297	132.507	0.171	0.214	1135.48	906.276	904.333	1.943
1995	76904	61145.799	60951.560	194.239	0.253	0.318	1106.18	879.519	876.725	2.794
1996	76232	60385.323	60132.497	252.826	0.332	0.419	1079.72	855.277	851.696	3.581
1997	75473	59549.806	59269.453	280.352	0.371	0.471	1051.87	829.947	826.040	3.907
1998	75381	59292.315	58908.744	383.571	0.509	0.647	1033.62	813.010	807.751	5.259
1999	73159	57398.351	56913.332	485.020	0.663	0.845	987.557	774.807	768.260	6.547
2000	73784	57716.549	57123.114	593.435	0.804	1.028	981.515	767.777	759.883	7.894
2001	73294	57211.877	56533.313	678.564	0.926	1.186	962.399	751.230	742.320	8.910
2002	72442	56438.810	55685.999	752.812	1.039	1.334	940.422	732.673	722.901	9.773
2003	71942	55948.341	55124.803	823.539	1.145	1.472	923.937	718.533	707.957	10.577
2004	71301	55339.218	54452.667	886.551	1.243	1.602	905.490	702.783	691.524	11.259
2005	70964	54964.459	54036.278	928.181	1.308	1.689	890.360	689.620	677.974	11.646
2006	69658	53781.526	52803.793	977.734	1.404	1.818	865.543	668.268	656.119	12.149
2007	68565	52784.985	51743.238	1041.747	1.519	1.974	842.687	648.745	635.941	12.803
2008	68226	52470.692	51270.258	1200.434	1.759	2.288	828.542	637.208	622.630	14.578
2009	67509	51823.021	50518.903	1304.118	1.932	2.516	809.661	621.533	605.893	15.641

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	1148927.734	11060.79	0.749	0.954	997.213	783.665	776.193	7.472

****

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	37026.301	41.083	0.024	0.111	2599.72	573.449	572.813	0.636
1992	164548	35863.851	35718.798	145.053	0.088	0.404	2502.33	545.392	543.186	2.206
1993	164362	35459.800	35157.606	302.194	0.184	0.852	2455.45	529.744	525.229	4.515
1994	159866	34293.631	33848.218	445.414	0.279	1.299	2344.16	502.857	496.326	6.531
1995	158083	33531.695	32914.303	617.392	0.391	1.841	2273.86	482.318	473.438	8.881
1996	154875	32438.163	31666.722	771.441	0.498	2.378	2193.60	459.443	448.517	10.926
1997	149970	31179.663	30274.340	905.323	0.604	2.904	2090.14	434.552	421.934	12.618
1998	145407	29860.736	28822.479	1038.257	0.714	3.477	1993.81	409.447	395.211	14.236
1999	165952	34413.904	32919.188	1494.716	0.901	4.343	2240.15	464.545	444.369	20.177
2000	160260	33265.290	31629.224	1636.066	1.021	4.918	2131.87	442.513	420.749	21.764
2001	154444	32074.102	30262.637	1811.465	1.173	5.648	2027.95	421.154	397.369	23.786
2002	151887	31817.956	29817.400	2000.556	1.317	6.288	1971.76	413.052	387.081	25.971
2003	146733	31025.931	28784.706	2241.225	1.527	7.224	1884.46	398.460	369.676	28.784
2004	138381	29503.602	27188.048	2315.554	1.673	7.848	1757.38	374.682	345.276	29.406
2005	135881	29077.894	26616.265	2461.629	1.812	8.466	1704.85	364.830	333.945	30.885
2006	131922	28385.448	25762.596	2622.852	1.988	9.240	1639.21	352.707	320.116	32.591
2007	126502	27327.625	24553.129	2774.497	2.193	10.153	1554.75	335.866	301.766	34.099
2008	125859	27025.472	24002.087	3023.385	2.402	11.187	1528.44	328.199	291.483	36.716
2009	122428	26361.626	23144.377	3217.249	2.628	12.204	1468.33	316.165	277.579	38.586

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	608491.322	29865.35	0.997	4.678	2024.64	431.261	411.085	20.176

****

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_18_Vary_parameter_combinations_2nd_set.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	4481.866	6.116	0.019	0.136	504.630	69.431	69.336	0.095
1992	32100	4371.196	4350.367	20.829	0.065	0.477	488.154	66.474	66.157	0.317
1993	32896	4414.136	4366.753	47.383	0.144	1.073	491.442	65.944	65.236	0.708
1994	33323	4474.895	4399.768	75.127	0.225	1.679	488.625	65.617	64.515	1.102
1995	33569	4476.290	4365.331	110.959	0.331	2.479	482.855	64.387	62.791	1.596
1996	33870	4489.078	4342.156	146.922	0.434	3.273	479.723	63.582	61.501	2.081
1997	33516	4444.866	4264.389	180.478	0.538	4.060	467.113	61.948	59.433	2.515
1998	32795	4313.427	4122.631	190.796	0.582	4.423	449.682	59.145	56.529	2.616
1999	33375	4232.739	4004.216	228.523	0.685	5.399	450.521	57.137	54.052	3.085
2000	33459	4307.577	4061.299	246.278	0.736	5.717	445.090	57.302	54.026	3.276
2001	32275	4136.308	3872.141	264.168	0.818	6.387	423.792	54.312	50.844	3.469
2002	31586	4079.175	3798.042	281.133	0.890	6.892	410.041	52.955	49.305	3.650
2003	30985	4096.221	3759.986	336.235	1.085	8.208	397.934	52.607	48.289	4.318
2004	29884	4034.217	3688.245	345.972	1.158	8.576	379.513	51.233	46.839	4.394
2005	28708	3944.303	3585.398	358.905	1.250	9.099	360.189	49.488	44.985	4.503
2006	28188	3970.169	3576.507	393.662	1.397	9.915	350.253	49.332	44.440	4.891
2007	28026	3957.558	3523.893	433.665	1.547	10.958	344.449	48.640	43.310	5.330
2008	27128	3812.302	3369.203	443.099	1.633	11.623	329.444	46.297	40.916	5.381
2009	27068	3827.467	3333.151	494.316	1.826	12.915	324.637	45.904	39.976	5.929

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

Age Group:	All	Null	MRTP			%Drop		Null	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	79852.936	4604.567	0.733	5.452	424.421	57.058	53.947	3.111

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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	19500.351	8.079	0.024	0.041	527.418	301.804	301.679	0.125
1992	33942	19373.324	19349.741	23.583	0.069	0.122	516.166	294.616	294.257	0.359
1993	35913	20512.169	20467.478	44.691	0.124	0.218	536.514	306.437	305.769	0.668
1994	35074	19906.392	19834.891	71.501	0.204	0.359	514.300	291.893	290.845	1.048
1995	34669	19512.784	19405.606	107.179	0.309	0.549	498.677	280.671	279.129	1.542
1996	34582	19294.631	19152.977	141.653	0.410	0.734	489.808	273.283	271.276	2.006
1997	35267	19490.717	19336.188	154.529	0.438	0.793	491.517	271.643	269.489	2.154
1998	35675	19571.902	19335.078	236.824	0.664	1.210	489.172	268.368	265.121	3.247
1999	38516	21022.469	20674.705	347.763	0.903	1.654	519.919	283.777	279.083	4.694
2000	36283	19687.992	19278.506	409.485	1.129	2.080	482.656	261.900	256.453	5.447
2001	36281	19625.032	19154.233	470.799	1.298	2.399	476.394	257.690	251.508	6.182
2002	35983	19408.801	18882.694	526.107	1.462	2.711	467.122	251.960	245.130	6.830
2003	36205	19481.360	18931.420	549.940	1.519	2.823	464.974	250.195	243.132	7.063
2004	34611	18541.224	17989.258	551.967	1.595	2.977	439.544	235.465	228.455	7.010
2005	36826	19692.114	19079.571	612.543	1.663	3.111	462.043	247.070	239.385	7.685
2006	34350	18220.663	17630.099	590.564	1.719	3.241	426.820	226.403	219.065	7.338
2007	35326	18620.282	17989.190	631.091	1.786	3.389	434.168	228.849	221.093	7.756
2008	38248	20183.701	19368.208	815.493	2.132	4.040	464.487	245.112	235.209	9.903
2009	36902	19371.930	18528.358	843.572	2.286	4.355	442.580	232.335	222.218	10.117

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

Age Group:	All	Null	MRTP			%Drop		Null	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	383303.611	7137.363	1.001	1.828	481.512	263.774	258.952	4.822

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN3
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 6, Scenario: STP_MRTP

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

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1959.00	21.57	107.00	4.85			
5	All Ages	Current MRTP	177.00	1.95					
5	All Ages	Current Dual	68.00	0.75					
5	All Ages	Former	1994.00	21.96			14.78	119.00	5.97

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.50	1.00	50.00

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

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	20.00	2.37			3.00	8.00	40.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	198.00	23.83	9.00	3.80			
5	25-29	Current MRTP	25.00	3.01					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	137.00	16.49			5.42	13.00	9.49
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	271.00	27.13	13.00	4.35			
5	30-34	Current MRTP	20.00	2.00					
5	30-34	Current Dual	8.00	0.80					
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	550.00	49.02					
5	35-39	Current CC	290.00	25.85	7.00	2.14			
5	35-39	Current MRTP	29.00	2.58					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	245.00	21.84			8.31	20.00	8.16
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.42			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	255.00	26.29			11.45	15.00	5.88
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	165.00	20.35	9.00	4.92			
5	45-49	Current MRTP	11.00	1.36					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	206.00	25.40			11.14	15.00	7.28
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	143.00	23.03	9.00	5.81			
5	50-54	Current MRTP	11.00	1.77					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	165.00	26.57			15.39	11.00	6.67
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	252.00	47.10					
5	55-59	Current CC	118.00	22.06	6.00	4.62			
5	55-59	Current MRTP	11.00	2.06					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	153.00	28.60			15.27	4.00	2.61
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	11.00	9.57			
5	65-69	Current MRTP	9.00	1.68					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	161.00	30.04			21.66	8.00	4.97
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	11.00	13.25			
5	70-74	Current MRTP	7.00	1.30					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	176.00	32.65			24.70	6.00	3.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	12.00	20.00			
5	75-79	Current MRTP	9.00	1.85					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	159.00	32.72			28.18	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	4869.00	53.45					
10	All Ages	Current CC	1763.00	19.35	167.00	7.70			
10	All Ages	Current MRTP	284.00	3.12					
10	All Ages	Current Dual	123.00	1.35					
10	All Ages	Former	2070.00	22.72			15.88	134.00	6.47

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	16.00	1.97					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	16.00	1.97			3.44	4.00	25.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	202.00	23.93	4.00	1.48			
10	25-29	Current MRTP	43.00	5.09					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	47.00	5.57			4.11	16.00	34.04

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	177.00	21.30	12.00	5.06			
10	30-34	Current MRTP	35.00	4.21					
10	30-34	Current Dual	25.00	3.01					
10	30-34	Former	171.00	20.58			8.32	21.00	12.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	234.00	23.42	21.00	7.22			
10	35-39	Current MRTP	40.00	4.00					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	215.00	21.52			10.36	20.00	9.30

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	242.00	21.57	17.00	5.80			
10	40-44	Current MRTP	36.00	3.21					
10	40-44	Current Dual	15.00	1.34					
10	40-44	Former	289.00	25.76			11.01	19.00	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	489.00	50.41					
10	45-49	Current CC	173.00	17.84	22.00	10.63			
10	45-49	Current MRTP	27.00	2.78					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	274.00	28.25			14.92	8.00	2.92

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

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

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	144.00	17.76	17.00	10.24			
10	50-54	Current MRTP	17.00	2.10					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	223.00	27.50			14.26	10.00	4.48
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	122.00	19.65	14.00	10.00			
10	55-59	Current MRTP	14.00	2.25					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	180.00	28.99			18.01	8.00	4.44
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	8.00	6.90			
10	60-64	Current MRTP	13.00	2.43					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	167.00	31.21			18.20	5.00	2.99
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.00			
10	65-69	Current MRTP	10.00	2.05					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.98	4.00	2.90
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	82.00	15.30	15.00	14.71			
10	70-74	Current MRTP	17.00	3.17					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	174.00	32.46			23.80	11.00	6.32
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	61.00	11.32	26.00	31.33			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	6.00	1.11					
10	75-79	Former	176.00	32.65			27.19	8.00	4.55
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1468.00	17.13	204.00	10.36			
15	All Ages	Current MRTP	345.00	4.03					
15	All Ages	Current Dual	157.00	1.83					
15	All Ages	Former	2137.00	24.94			16.88	142.00	6.64
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	144.00	17.71	3.00	1.46			
15	25-29	Current MRTP	39.00	4.80					
15	25-29	Current Dual	22.00	2.71					
15	25-29	Former	39.00	4.80			3.85	14.00	35.90
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	184.00	21.80	8.00	2.92			
15	30-34	Current MRTP	56.00	6.64					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	88.00	10.43			5.43	20.00	22.73
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	147.00	17.69	21.00	9.68			
15	35-39	Current MRTP	42.00	5.05					
15	35-39	Current Dual	28.00	3.37					
15	35-39	Former	205.00	24.67			10.89	19.00	9.27
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	202.00	20.22	29.00	10.86			
15	40-44	Current MRTP	45.00	4.50					
15	40-44	Current Dual	20.00	2.00					
15	40-44	Former	243.00	24.32			13.16	15.00	6.17
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	201.00	17.91	22.00	8.33			
15	45-49	Current MRTP	46.00	4.10					
15	45-49	Current Dual	17.00	1.52					
15	45-49	Former	318.00	28.34			14.23	13.00	4.09
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	141.00	14.54	28.00	15.14			
15	50-54	Current MRTP	34.00	3.51					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	296.00	30.52			17.69	14.00	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	125.00	15.41	18.00	12.24			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	242.00	29.84			17.09	13.00	5.37
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	99.00	15.94	17.00	13.71			
15	60-64	Current MRTP	20.00	3.22					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	196.00	31.56			20.46	5.00	2.55
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	90.00	16.82	22.00	19.82			
15	65-69	Current MRTP	16.00	2.99					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	172.00	32.15			21.41	7.00	4.07
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	13.00	15.29			
15	70-74	Current MRTP	12.00	2.46					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	153.00	31.35			24.52	11.00	7.19
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	67.00	12.50	23.00	25.27			
15	75-79	Current MRTP	20.00	3.73					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	185.00	34.51			25.30	11.00	5.95
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1204.00	14.99	221.00	13.00			

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	358.00	4.46					
20	All Ages	Current Dual	138.00	1.72					
20	All Ages	Former	2190.00	27.26			18.12	134.00	6.12
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	135.00	16.61	4.00	1.95			
20	30-34	Current MRTP	48.00	5.90					
20	30-34	Current Dual	22.00	2.71					
20	30-34	Former	72.00	8.86			5.68	13.00	18.06
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	154.00	18.25	12.00	4.86			
20	35-39	Current MRTP	65.00	7.70					
20	35-39	Current Dual	28.00	3.32					
20	35-39	Former	131.00	15.52			7.21	20.00	15.27
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	123.00	14.80	25.00	12.44			
20	40-44	Current MRTP	51.00	6.14					
20	40-44	Current Dual	27.00	3.25					
20	40-44	Former	231.00	27.80			13.97	11.00	4.76
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	489.00	48.95					
20	45-49	Current CC	178.00	17.82	31.00	13.03			
20	45-49	Current MRTP	46.00	4.60					
20	45-49	Current Dual	14.00	1.40					
20	45-49	Former	272.00	27.23			15.78	12.00	4.41
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	169.00	15.06	29.00	12.50			
20	50-54	Current MRTP	47.00	4.19					
20	50-54	Current Dual	16.00	1.43					
20	50-54	Former	350.00	31.19			16.76	22.00	6.29
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	489.00	50.41					
20	55-59	Current CC	119.00	12.27	32.00	19.88			
20	55-59	Current MRTP	33.00	3.40					
20	55-59	Current Dual	9.00	0.93					
20	55-59	Former	320.00	32.99			20.15	14.00	4.38
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	103.00	12.70	23.00	17.69			
20	60-64	Current MRTP	21.00	2.59					

Results for PHIM for Run 6 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	6.00	0.74					
20	60-64	Former	259.00	31.94			19.90	12.00	4.63

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	21.00	18.58			
20	65-69	Current MRTP	21.00	3.38					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	207.00	33.33			23.15	8.00	3.86

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	252.00	47.10					
20	70-74	Current CC	76.00	14.21	20.00	21.28			
20	70-74	Current MRTP	15.00	2.80					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	189.00	35.33			23.48	12.00	6.35

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	24.00	30.38			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	9.00	1.84					
20	75-79	Former	159.00	32.58			25.86	10.00	6.29

****

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	59095.444	32.418	0.016	0.055	2826.86	839.248	838.787	0.460
1992	198532	60226.142	60165.563	60.579	0.031	0.101	2778.64	842.922	842.074	0.848
1993	202512	62332.320	62208.381	123.939	0.061	0.199	2793.47	859.818	858.108	1.710
1994	200658	62691.239	62509.395	181.844	0.091	0.290	2725.82	851.622	849.152	2.470
1995	201023	63132.954	62862.765	270.189	0.134	0.428	2687.54	844.043	840.431	3.612
1996	201180	64309.880	64014.527	295.354	0.147	0.459	2653.67	848.280	844.384	3.896
1997	198639	64547.894	64126.392	421.501	0.212	0.653	2583.39	839.475	833.993	5.482
1998	197573	65384.866	64801.702	583.164	0.295	0.892	2533.29	838.367	830.890	7.477
1999	211329	67554.762	66748.325	806.437	0.382	1.194	2673.14	854.513	844.313	10.201
2000	208496	68184.366	67224.626	959.740	0.460	1.408	2604.20	851.652	839.664	11.988
2001	203606	68286.060	67071.054	1215.007	0.597	1.779	2514.65	843.372	828.366	15.006
2002	200828	68983.996	67642.711	1341.285	0.668	1.944	2455.47	843.450	827.051	16.400
2003	196352	68717.830	67072.693	1645.137	0.838	2.394	2377.49	832.057	812.138	19.920
2004	188160	67344.952	65372.792	1972.160	1.048	2.928	2254.66	806.974	783.342	23.632
2005	186416	67846.650	65592.166	2254.485	1.209	3.323	2208.07	803.634	776.930	26.704
2006	180088	66622.465	63842.501	2779.964	1.544	4.173	2113.55	781.893	749.267	32.626
2007	175644	65977.201	62818.257	3158.944	1.798	4.788	2039.92	766.256	729.568	36.688
2008	177570	67121.344	63637.586	3483.757	1.962	5.190	2039.03	770.751	730.747	40.004
2009	172806	66622.993	62654.917	3968.076	2.296	5.956	1961.22	756.123	711.088	45.035

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1276762.386	25553.98	0.655	1.962	2465.77	823.300	807.145	16.155

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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_18_Vary_parameter_combinations_2nd_set.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	31520.818	9.201	0.021	0.029	620.154	447.530	447.399	0.131
1992	45423	32811.446	32797.404	14.043	0.031	0.043	635.738	459.227	459.031	0.197
1993	46291	33467.735	33440.921	26.815	0.058	0.080	638.542	461.657	461.287	0.370
1994	47017	33989.389	33951.811	37.578	0.080	0.111	638.697	461.725	461.215	0.510
1995	47840	34566.580	34506.519	60.061	0.126	0.174	639.587	462.131	461.328	0.803
1996	48244	34997.958	34942.861	55.096	0.114	0.157	636.363	461.641	460.914	0.727
1997	49035	35549.658	35457.154	92.504	0.189	0.260	637.723	462.340	461.137	1.203
1998	49686	36138.033	36007.731	130.302	0.262	0.361	637.076	463.363	461.692	1.671
1999	48883	35506.142	35342.708	163.434	0.334	0.460	618.331	449.124	447.057	2.067
2000	50331	36573.306	36361.637	211.669	0.421	0.579	628.656	456.816	454.172	2.644
2001	50389	36733.445	36456.964	276.481	0.549	0.753	622.333	453.679	450.265	3.415
2002	51445	37627.700	37302.867	324.833	0.631	0.863	629.005	460.065	456.093	3.972
2003	51408	37552.784	37123.093	429.691	0.836	1.144	622.464	454.701	449.498	5.203
2004	51399	37527.823	36986.145	541.678	1.054	1.443	615.898	449.684	443.193	6.491
2005	51421	37486.186	36866.841	619.345	1.204	1.652	609.074	444.018	436.682	7.336
2006	51355	37409.496	36587.737	821.759	1.600	2.197	602.712	439.045	429.400	9.644
2007	51839	37602.867	36637.780	965.088	1.862	2.567	602.056	436.718	425.510	11.208
2008	50976	36986.957	35954.844	1032.112	2.025	2.790	585.355	424.719	412.868	11.852
2009	51193	37201.944	35967.748	1234.197	2.411	3.318	581.003	422.215	408.208	14.007

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	704858.953	7045.886	0.719	0.990	619.890	450.053	445.599	4.454

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12652.064	10.915	0.011	0.086	1368.32	179.735	179.581	0.155
1992	93721	12337.995	12309.990	28.006	0.030	0.227	1311.71	172.682	172.290	0.392
1993	93679	12401.934	12341.396	60.538	0.065	0.488	1292.22	171.073	170.238	0.835
1994	90832	12128.576	12035.104	93.471	0.103	0.771	1233.90	164.759	163.490	1.270
1995	89698	11958.696	11828.875	129.821	0.145	1.086	1199.20	159.879	158.144	1.736
1996	88286	12020.749	11856.214	164.536	0.186	1.369	1164.54	158.560	156.389	2.170
1997	84777	11593.724	11376.110	217.613	0.257	1.877	1102.56	150.782	147.952	2.830
1998	82517	11337.035	11044.887	292.148	0.354	2.577	1058.04	145.364	141.618	3.746
1999	93939	13027.458	12590.770	436.687	0.465	3.352	1188.25	164.787	159.263	5.524
2000	90039	12607.547	12127.342	480.206	0.533	3.809	1124.63	157.474	151.476	5.998
2001	86119	12350.451	11745.602	604.849	0.702	4.897	1063.62	152.535	145.065	7.470
2002	83014	12112.097	11451.179	660.918	0.796	5.457	1014.99	148.092	140.011	8.081
2003	79302	11683.252	10935.913	747.339	0.942	6.397	960.214	141.465	132.416	9.049
2004	73861	11139.095	10275.893	863.202	1.169	7.749	885.053	133.476	123.133	10.343
2005	71649	10884.683	9929.323	955.360	1.333	8.777	848.672	128.927	117.611	11.316
2006	67551	10397.565	9299.294	1098.270	1.626	10.563	792.791	122.028	109.138	12.890
2007	63503	9785.831	8571.675	1214.157	1.912	12.407	737.521	113.652	99.551	14.101
2008	63171	9922.524	8593.614	1328.910	2.104	13.393	725.389	113.940	98.680	15.260
2009	59747	9483.598	8055.936	1427.661	2.390	15.054	678.085	107.632	91.429	16.203

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	221667.942	10814.61	0.655	4.652	1043.56	146.971	140.134	6.837

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3111.159	4.857	0.015	0.156	461.369	44.228	44.159	0.069
1992	32560	3095.448	3085.709	9.738	0.030	0.315	455.708	43.324	43.187	0.136
1993	32768	3114.516	3095.553	18.963	0.058	0.609	452.005	42.962	42.700	0.262
1994	33005	3168.398	3139.536	28.863	0.087	0.911	448.353	43.041	42.649	0.392
1995	33730	3200.274	3158.179	42.095	0.125	1.315	450.946	42.785	42.223	0.563
1996	33750	3234.738	3180.089	54.649	0.162	1.689	445.180	42.668	41.947	0.721
1997	33699	3240.665	3175.730	64.934	0.193	2.004	438.271	42.146	41.302	0.844
1998	33274	3171.578	3080.495	91.083	0.274	2.872	426.640	40.666	39.498	1.168
1999	33891	3153.786	3033.516	120.270	0.355	3.814	428.694	39.893	38.372	1.521
2000	33827	3237.043	3087.675	149.368	0.442	4.614	422.514	40.432	38.566	1.866
2001	32506	3110.972	2929.145	181.827	0.559	5.845	401.468	38.422	36.177	2.246
2002	32078	3123.298	2921.701	201.597	0.628	6.455	392.210	38.188	35.723	2.465
2003	30568	3025.984	2802.611	223.373	0.731	7.382	370.127	36.640	33.935	2.705
2004	29388	2983.453	2712.318	271.136	0.923	9.088	352.147	35.750	32.501	3.249
2005	27954	2926.679	2626.811	299.868	1.073	10.246	331.111	34.666	31.114	3.552
2006	27201	2889.308	2547.668	341.640	1.256	11.824	319.236	33.909	29.900	4.010
2007	26302	2810.025	2423.551	386.475	1.469	13.753	305.470	32.636	28.147	4.488
2008	25998	2773.025	2363.940	409.085	1.574	14.752	298.534	31.843	27.145	4.698
2009	25040	2723.293	2269.434	453.859	1.813	16.666	284.186	30.907	25.756	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	623548	61291.743	57938.063	3353.680	0.538	5.472	394.195	38.747	36.627	2.120

****

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	11811.403	7.445	0.028	0.063	377.015	167.754	167.648	0.106
1992	26828	11981.252	11972.461	8.792	0.033	0.073	375.483	167.689	167.566	0.123
1993	29774	13348.134	13330.510	17.624	0.059	0.132	410.705	184.125	183.882	0.243
1994	29804	13404.876	13382.945	21.931	0.074	0.164	404.869	182.097	181.799	0.298
1995	29755	13407.404	13369.192	38.212	0.128	0.285	397.803	179.248	178.737	0.511
1996	30900	14056.435	14035.363	21.072	0.068	0.150	407.587	185.412	185.134	0.278
1997	31128	14163.848	14117.398	46.450	0.149	0.328	404.834	184.207	183.603	0.604
1998	32096	14738.220	14668.589	69.631	0.217	0.472	411.536	188.974	188.081	0.893
1999	34616	15867.376	15781.330	86.046	0.249	0.542	437.865	200.710	199.621	1.088
2000	34299	15766.470	15647.972	118.498	0.345	0.752	428.409	196.930	195.450	1.480
2001	34592	16091.193	15939.343	151.850	0.439	0.944	427.231	198.736	196.860	1.875
2002	34291	16120.902	15966.964	153.937	0.449	0.955	419.268	197.106	195.224	1.882
2003	35074	16455.810	16211.077	244.734	0.698	1.487	424.687	199.252	196.289	2.963
2004	33512	15694.580	15398.436	296.144	0.884	1.887	401.564	188.063	184.515	3.549
2005	35392	16549.102	16169.190	379.912	1.073	2.296	419.213	196.022	191.522	4.500
2006	33981	15926.096	15407.801	518.295	1.525	3.254	398.807	186.912	180.829	6.083
2007	34000	15778.477	15185.252	593.225	1.745	3.760	394.875	183.251	176.361	6.890
2008	37425	17438.838	16725.189	713.649	1.907	4.092	429.749	200.249	192.054	8.195
2009	36826	17214.158	16361.799	852.358	2.315	4.951	417.948	195.368	185.695	9.674

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	292297.428	4339.805	0.672	1.463	408.132	187.528	184.785	2.744

Results for PHIM for Run 7 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN4
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.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	RUN4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000

Results for PHIM for Run 7 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2408.00	26.24	138.00	5.10			
5	All Ages	Current MRTP	194.00	2.11					
5	All Ages	Current Dual	104.00	1.13					
5	All Ages	Former	2571.00	28.02			15.75	136.00	5.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

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

Results for PHIM for Run 7 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	20.00	2.19					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	21.00	2.30			3.38	6.00	28.57
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	4.00	1.25			
5	25-29	Current MRTP	28.00	2.92					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	111.00	11.59			5.01	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	487.00	45.34					
5	30-34	Current CC	342.00	31.84	10.00	2.56			
5	30-34	Current MRTP	33.00	3.07					
5	30-34	Current Dual	15.00	1.40					
5	30-34	Former	197.00	18.34			6.47	24.00	12.18
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	328.00	30.29	15.00	4.16			
5	35-39	Current MRTP	20.00	1.85					
5	35-39	Current Dual	13.00	1.20					
5	35-39	Former	248.00	22.90			7.92	17.00	6.85
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	10.00	3.62
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	230.00	26.78	14.00	5.34			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	289.00	33.64			14.19	5.00	1.73
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	190.00	30.16	12.00	5.88			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	234.00	37.14			17.40	9.00	3.85
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	10.00	6.85			
5	55-59	Current MRTP	9.00	1.72					
5	55-59	Current Dual	5.00	0.95					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	15.00	11.54			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	244.00	47.38			19.10	5.00	2.05
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	120.00	24.00					
5	65-69	Current CC	114.00	22.80	13.00	10.57			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.09	9.00	3.50
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 7 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	18.00	21.18			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	257.00	57.37			22.79	8.00	3.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	70.00	19.50	14.00	17.95			
5	75-79	Current MRTP	6.00	1.67					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	213.00	59.33			24.19	8.00	3.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2185.00	23.31	243.00	8.79			
10	All Ages	Current MRTP	402.00	4.29					
10	All Ages	Current Dual	178.00	1.90					
10	All Ages	Former	2527.00	26.95			17.74	148.00	5.86

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	20.00	2.23					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	14.00	1.56			2.93	7.00	50.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	238.00	26.01	3.00	0.93			
10	25-29	Current MRTP	45.00	4.92					
10	25-29	Current Dual	38.00	4.15					
10	25-29	Former	41.00	4.48			4.95	12.00	29.27

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	240.00	25.05	11.00	3.24			
10	30-34	Current MRTP	66.00	6.89					
10	30-34	Current Dual	33.00	3.44					
10	30-34	Former	136.00	14.20			8.19	12.00	8.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	302.00	28.12	19.00	5.05			
10	35-39	Current MRTP	55.00	5.12					
10	35-39	Current Dual	19.00	1.77					
10	35-39	Former	224.00	20.86			9.91	15.00	6.70

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	279.00	25.76	30.00	8.72			
10	40-44	Current MRTP	47.00	4.34					
10	40-44	Current Dual	18.00	1.66					
10	40-44	Former	269.00	24.84			11.40	19.00	7.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	244.00	25.08	23.00	8.19			
10	45-49	Current MRTP	31.00	3.19					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	290.00	29.80			15.71	16.00	5.52

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	190.00	22.12	33.00	13.52			
10	50-54	Current MRTP	39.00	4.54					
10	50-54	Current Dual	15.00	1.75					
10	50-54	Former	307.00	35.74			17.17	10.00	3.26
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	159.00	25.24	27.00	13.85			
10	55-59	Current MRTP	30.00	4.76					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	243.00	38.57			20.79	6.00	2.47
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	112.00	21.37	15.00	11.36			
10	60-64	Current MRTP	11.00	2.10					
10	60-64	Current Dual	9.00	1.72					
10	60-64	Former	237.00	45.23			19.70	14.00	5.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	95.00	18.45	24.00	19.35			
10	65-69	Current MRTP	22.00	4.27					
10	65-69	Current Dual	7.00	1.36					
10	65-69	Former	250.00	48.54			22.03	13.00	5.20
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	102.00	20.40	32.00	25.60			
10	70-74	Current MRTP	18.00	3.60					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	255.00	51.00			24.93	13.00	5.10
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	54.00	12.05	26.00	32.10			
10	75-79	Current MRTP	18.00	4.02					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	261.00	58.26			25.96	11.00	4.21
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	3856.00	43.19					
15	All Ages	Current CC	1885.00	21.12	317.00	11.97			
15	All Ages	Current MRTP	552.00	6.18					
15	All Ages	Current Dual	212.00	2.37					
15	All Ages	Former	2422.00	27.13			19.33	126.00	5.20
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	177.00	19.75	1.00	0.39			
15	25-29	Current MRTP	52.00	5.80					
15	25-29	Current Dual	25.00	2.79					
15	25-29	Former	34.00	3.79			4.09	11.00	32.35
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 7 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	210.00	22.95	6.00	1.87			
15	30-34	Current MRTP	70.00	7.65					
15	30-34	Current Dual	41.00	4.48					
15	30-34	Former	74.00	8.09			5.86	15.00	20.27
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	215.00	22.44	19.00	5.69			
15	35-39	Current MRTP	81.00	8.46					
15	35-39	Current Dual	38.00	3.97					
15	35-39	Former	156.00	16.28			10.87	18.00	11.54
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	251.00	23.37	27.00	7.87			
15	40-44	Current MRTP	71.00	6.61					
15	40-44	Current Dual	21.00	1.96					
15	40-44	Former	259.00	24.12			12.56	19.00	7.34
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	470.00	43.40					
15	45-49	Current CC	246.00	22.71	43.00	12.91			
15	45-49	Current MRTP	65.00	6.00					
15	45-49	Current Dual	22.00	2.03					
15	45-49	Former	280.00	25.85			15.26	8.00	2.86
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	203.00	20.86	28.00	11.02			
15	50-54	Current MRTP	43.00	4.42					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.46	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	162.00	18.86	46.00	19.66			
15	55-59	Current MRTP	57.00	6.64					
15	55-59	Current Dual	15.00	1.75					
15	55-59	Former	317.00	36.90			20.68	15.00	4.73
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	144.00	22.86	37.00	19.37			
15	60-64	Current MRTP	40.00	6.35					
15	60-64	Current Dual	7.00	1.11					
15	60-64	Former	247.00	39.21			23.89	8.00	3.24
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	104.00	19.85	29.00	21.48			
15	65-69	Current MRTP	14.00	2.67					
15	65-69	Current Dual	17.00	3.24					
15	65-69	Former	234.00	44.66			23.14	4.00	1.71
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	85.00	16.50	36.00	28.80			
15	70-74	Current MRTP	30.00	5.83					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	249.00	48.35			25.52	7.00	2.81
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	45.00	36.00			
15	75-79	Current MRTP	29.00	5.80					
15	75-79	Current Dual	8.00	1.60					
15	75-79	Former	255.00	51.00			27.22	8.00	3.14
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1532.00	18.18	366.00	15.06			

Results for PHIM for Run 7 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	668.00	7.93					
20	All Ages	Current Dual	231.00	2.74					
20	All Ages	Former	2320.00	27.53			20.57	124.00	5.34
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	162.00	18.08	5.00	1.87			
20	30-34	Current MRTP	67.00	7.48					
20	30-34	Current Dual	38.00	4.24					
20	30-34	Former	54.00	6.03			6.26	10.00	18.52
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	181.00	19.78	12.00	3.77			
20	35-39	Current MRTP	93.00	10.16					
20	35-39	Current Dual	44.00	4.81					
20	35-39	Former	95.00	10.38			8.15	14.00	14.74
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	459.00	47.91					
20	40-44	Current CC	187.00	19.52	25.00	7.72			
20	40-44	Current MRTP	96.00	10.02					
20	40-44	Current Dual	41.00	4.28					
20	40-44	Former	175.00	18.27			13.61	8.00	4.57
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	225.00	20.95	39.00	12.00			
20	45-49	Current MRTP	80.00	7.45					
20	45-49	Current Dual	20.00	1.86					
20	45-49	Former	277.00	25.79			15.71	14.00	5.05
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	195.00	18.01	47.00	15.82			
20	50-54	Current MRTP	84.00	7.76					
20	50-54	Current Dual	18.00	1.66					
20	50-54	Former	316.00	29.18			17.39	19.00	6.01
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	175.00	17.99	41.00	16.87			
20	55-59	Current MRTP	59.00	6.06					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	328.00	33.71			21.62	14.00	4.27
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	138.00	16.07	59.00	25.99			
20	60-64	Current MRTP	72.00	8.38					

Results for PHIM for Run 7 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	324.00	37.72			23.53	13.00	4.01

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	114.00	18.10	49.00	27.53			
20	65-69	Current MRTP	54.00	8.57					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	260.00	41.27			25.36	12.00	4.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	90.00	17.18	43.00	31.39			
20	70-74	Current MRTP	26.00	4.96					
20	70-74	Current Dual	21.00	4.01					
20	70-74	Former	232.00	44.27			26.50	8.00	3.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	65.00	12.62	46.00	40.00			
20	75-79	Current MRTP	37.00	7.18					
20	75-79	Current Dual	13.00	2.52					
20	75-79	Former	259.00	50.29			26.71	12.00	4.63

****

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	124062.141	70.442	0.022	0.057	4845.61	1920.39	1919.30	1.090
1992	308577	122143.718	121912.463	231.255	0.075	0.189	4692.62	1857.47	1853.96	3.517
1993	311713	123269.216	122793.991	475.226	0.152	0.386	4656.77	1841.55	1834.45	7.100
1994	305700	120480.723	119764.430	716.293	0.234	0.595	4482.57	1766.64	1756.14	10.503
1995	303225	118666.569	117651.370	1015.199	0.335	0.856	4361.58	1706.89	1692.29	14.603
1996	299559	116607.195	115318.826	1288.368	0.430	1.105	4242.85	1651.58	1633.34	18.248
1997	294226	114665.051	113183.801	1481.250	0.503	1.292	4100.64	1598.09	1577.45	20.644
1998	289258	113038.380	111254.793	1783.587	0.617	1.578	3966.28	1549.97	1525.51	24.456
1999	311002	117067.463	114628.587	2438.876	0.784	2.083	4198.14	1580.27	1547.35	32.922
2000	303786	114977.407	112250.249	2727.158	0.898	2.372	4041.13	1529.49	1493.21	36.278
2001	296294	113047.319	110031.111	3016.208	1.018	2.668	3890.54	1484.39	1444.78	39.605
2002	291898	111744.742	108447.236	3297.506	1.130	2.951	3789.34	1450.64	1407.83	42.807
2003	285865	110551.854	106896.342	3655.511	1.279	3.307	3671.31	1419.80	1372.85	46.947
2004	274177	107418.262	103645.166	3773.095	1.376	3.513	3481.92	1364.16	1316.25	47.917
2005	272379	107678.770	103668.271	4010.499	1.472	3.725	3417.44	1351.01	1300.69	50.318
2006	264118	104357.806	100147.996	4209.810	1.594	4.034	3281.83	1296.71	1244.40	52.309
2007	258419	102690.449	98251.069	4439.380	1.718	4.323	3176.05	1262.10	1207.54	54.561
2008	259461	103492.166	98495.902	4996.265	1.926	4.828	3150.91	1256.82	1196.14	60.675
2009	253907	101384.044	96074.231	5309.813	2.091	5.237	3045.20	1215.94	1152.26	63.683

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	2224307.936	48935.74	0.842	2.153	3927.78	1535.76	1502.70	33.060

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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_18_Vary_parameter_combinations_2nd_set.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	63053.622	15.164	0.019	0.024	1213.84	975.702	975.468	0.235
1992	77987	62535.347	62491.285	44.062	0.056	0.070	1185.97	950.993	950.323	0.670
1993	78542	62883.111	62798.036	85.075	0.108	0.135	1173.36	939.428	938.157	1.271
1994	77437	61805.804	61674.455	131.349	0.170	0.213	1135.48	906.276	904.350	1.926
1995	76904	61145.799	60953.774	192.025	0.250	0.314	1106.18	879.519	876.757	2.762
1996	76232	60385.323	60137.315	248.007	0.325	0.411	1079.72	855.277	851.764	3.513
1997	75473	59549.806	59277.207	272.599	0.361	0.458	1051.87	829.947	826.148	3.799
1998	75381	59292.315	58922.346	369.969	0.491	0.624	1033.62	813.010	807.937	5.073
1999	73159	57398.351	56934.825	463.527	0.634	0.808	987.557	774.807	768.550	6.257
2000	73784	57716.549	57154.314	562.234	0.762	0.974	981.515	767.777	760.298	7.479
2001	73294	57211.877	56574.394	637.483	0.870	1.114	962.399	751.230	742.859	8.371
2002	72442	56438.810	55739.027	699.783	0.966	1.240	940.422	732.673	723.589	9.084
2003	71942	55948.341	55185.875	762.466	1.060	1.363	923.937	718.533	708.741	9.792
2004	71301	55339.218	54521.777	817.441	1.146	1.477	905.490	702.783	692.402	10.381
2005	70964	54964.459	54107.280	857.179	1.208	1.560	890.360	689.620	678.865	10.755
2006	69658	53781.526	52882.556	898.971	1.291	1.672	865.543	668.268	657.098	11.170
2007	68565	52784.985	51838.099	946.886	1.381	1.794	842.687	648.745	637.107	11.638
2008	68226	52470.692	51373.557	1097.135	1.608	2.091	828.542	637.208	623.884	13.324
2009	67509	51823.021	50640.237	1182.784	1.752	2.282	809.661	621.533	607.348	14.186

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	1476084	1159988.529	1149704.391	10284.14	0.697	0.887	997.213	783.665	776.717	6.948

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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	37026.301	41.083	0.024	0.111	2599.72	573.449	572.813	0.636
1992	164548	35863.851	35720.665	143.186	0.087	0.399	2502.33	545.392	543.214	2.177
1993	164362	35459.800	35160.909	298.891	0.182	0.843	2455.45	529.744	525.278	4.465
1994	159866	34293.631	33853.743	439.888	0.275	1.283	2344.16	502.857	496.407	6.450
1995	158083	33531.695	32923.727	607.968	0.385	1.813	2273.86	482.318	473.574	8.745
1996	154875	32438.163	31681.240	756.923	0.489	2.333	2193.60	459.443	448.722	10.721
1997	149970	31179.663	30298.080	881.583	0.588	2.827	2090.14	434.552	422.265	12.287
1998	145407	29860.736	28859.719	1001.017	0.688	3.352	1993.81	409.447	395.721	13.726
1999	165952	34413.904	32989.884	1424.020	0.858	4.138	2240.15	464.545	445.323	19.223
2000	160260	33265.290	31722.376	1542.914	0.963	4.638	2131.87	442.513	421.988	20.525
2001	154444	32074.102	30384.338	1689.764	1.094	5.268	2027.95	421.154	398.967	22.188
2002	151887	31817.956	29969.761	1848.196	1.217	5.809	1971.76	413.052	389.059	23.993
2003	146733	31025.931	28953.251	2072.680	1.413	6.680	1884.46	398.460	371.841	26.619
2004	138381	29503.602	27375.722	2127.880	1.538	7.212	1757.38	374.682	347.659	27.023
2005	135881	29077.894	26821.953	2255.941	1.660	7.758	1704.85	364.830	336.526	28.304
2006	131922	28385.448	25979.046	2406.402	1.824	8.478	1639.21	352.707	322.806	29.901
2007	126502	27327.625	24801.843	2525.782	1.997	9.243	1554.75	335.866	304.823	31.043
2008	125859	27025.472	24274.920	2750.552	2.185	10.178	1528.44	328.199	294.796	33.403
2009	122428	26361.626	23446.953	2914.673	2.381	11.056	1468.33	316.165	281.208	34.957

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	610627.329	27729.34	0.925	4.344	2024.64	431.261	412.528	18.733

****

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_18_Vary_parameter_combinations_2nd_set.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	4481.866	6.116	0.019	0.136	504.630	69.431	69.336	0.095
1992	32100	4371.196	4350.562	20.634	0.064	0.472	488.154	66.474	66.160	0.314
1993	32896	4414.136	4367.146	46.990	0.143	1.065	491.442	65.944	65.242	0.702
1994	33323	4474.895	4400.621	74.275	0.223	1.660	488.625	65.617	64.528	1.089
1995	33569	4476.290	4366.918	109.372	0.326	2.443	482.855	64.387	62.814	1.573
1996	33870	4489.078	4344.512	144.566	0.427	3.220	479.723	63.582	61.534	2.048
1997	33516	4444.866	4268.349	176.517	0.527	3.971	467.113	61.948	59.488	2.460
1998	32795	4313.427	4129.303	184.124	0.561	4.269	449.682	59.145	56.621	2.525
1999	33375	4232.739	4014.497	218.242	0.654	5.156	450.521	57.137	54.191	2.946
2000	33459	4307.577	4074.828	232.749	0.696	5.403	445.090	57.302	54.206	3.096
2001	32275	4136.308	3891.001	245.308	0.760	5.931	423.792	54.312	51.091	3.221
2002	31586	4079.175	3821.250	257.925	0.817	6.323	410.041	52.955	49.606	3.348
2003	30985	4096.221	3785.558	310.664	1.003	7.584	397.934	52.607	48.617	3.990
2004	29884	4034.217	3716.331	317.886	1.064	7.880	379.513	51.233	47.196	4.037
2005	28708	3944.303	3615.842	328.460	1.144	8.327	360.189	49.488	45.367	4.121
2006	28188	3970.169	3609.173	360.996	1.281	9.093	350.253	49.332	44.846	4.486
2007	28026	3957.558	3563.385	394.173	1.406	9.960	344.449	48.640	43.795	4.845
2008	27128	3812.302	3411.303	400.998	1.478	10.519	329.444	46.297	41.427	4.870
2009	27068	3827.467	3381.007	446.460	1.649	11.665	324.637	45.904	40.550	5.355

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	80181.049	4276.455	0.681	5.063	424.421	57.058	54.169	2.889

****

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	19500.351	8.079	0.024	0.041	527.418	301.804	301.679	0.125
1992	33942	19373.324	19349.951	23.373	0.069	0.121	516.166	294.616	294.260	0.355
1993	35913	20512.169	20467.900	44.269	0.123	0.216	536.514	306.437	305.776	0.661
1994	35074	19906.392	19835.611	70.781	0.202	0.356	514.300	291.893	290.855	1.038
1995	34669	19512.784	19406.950	105.834	0.305	0.542	498.677	280.671	279.149	1.522
1996	34582	19294.631	19155.759	138.871	0.402	0.720	489.808	273.283	271.316	1.967
1997	35267	19490.717	19340.165	150.551	0.427	0.772	491.517	271.643	269.544	2.098
1998	35675	19571.902	19343.425	228.477	0.640	1.167	489.172	268.368	265.235	3.133
1999	38516	21022.469	20689.381	333.087	0.865	1.584	519.919	283.777	279.281	4.496
2000	36283	19687.992	19298.731	389.261	1.073	1.977	482.656	261.900	256.722	5.178
2001	36281	19625.032	19181.378	443.653	1.223	2.261	476.394	257.690	251.864	5.825
2002	35983	19408.801	18917.198	491.603	1.366	2.533	467.122	251.960	245.578	6.382
2003	36205	19481.360	18971.659	509.701	1.408	2.616	464.974	250.195	243.649	6.546
2004	34611	18541.224	18031.336	509.888	1.473	2.750	439.544	235.465	228.990	6.475
2005	36826	19692.114	19123.196	568.918	1.545	2.889	462.043	247.070	239.932	7.138
2006	34350	18220.663	17677.221	543.442	1.582	2.983	426.820	226.403	219.650	6.753
2007	35326	18620.282	18047.742	572.540	1.621	3.075	434.168	228.849	221.813	7.037
2008	38248	20183.701	19436.121	747.580	1.955	3.704	464.487	245.112	236.034	9.079
2009	36902	19371.930	18606.033	765.897	2.075	3.954	442.580	232.335	223.149	9.186

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	383795.167	6645.807	0.932	1.702	481.512	263.774	259.284	4.490

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN4
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 8, Scenario: STP_NULL

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

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

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 8, Scenario: STP_MRTP

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

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1959.00	21.57	119.00	5.34			
5	All Ages	Current MRTP	194.00	2.14					
5	All Ages	Current Dual	75.00	0.83					
5	All Ages	Former	1970.00	21.70			14.94	102.00	5.18

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	19.00	2.25			3.16	7.00	36.84
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	457.00	54.99					
5	25-29	Current CC	198.00	23.83	11.00	4.56			
5	25-29	Current MRTP	26.00	3.13					
5	25-29	Current Dual	17.00	2.05					
5	25-29	Former	133.00	16.00			5.55	10.00	7.52
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	516.00	51.65					
5	30-34	Current CC	271.00	27.13	13.00	4.32			
5	30-34	Current MRTP	21.00	2.10					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	182.00	18.22			7.80	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	550.00	49.02					
5	35-39	Current CC	290.00	25.85	9.00	2.71			
5	35-39	Current MRTP	33.00	2.94					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	240.00	21.39			8.48	15.00	6.25
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.42			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	255.00	26.29			11.45	15.00	5.88
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	165.00	20.35	10.00	5.41			
5	45-49	Current MRTP	13.00	1.60					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	204.00	25.15			11.24	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	143.00	23.03	10.00	6.41			
5	50-54	Current MRTP	12.00	1.93					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	164.00	26.41			15.48	11.00	6.71
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	118.00	22.06	7.00	5.30			
5	55-59	Current MRTP	13.00	2.43					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	151.00	28.22			15.46	3.00	1.99
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	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	14.00	11.76			
5	65-69	Current MRTP	11.00	2.05					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	157.00	29.29			22.18	6.00	3.82
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_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	12.00	14.29			
5	70-74	Current MRTP	8.00	1.48					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	175.00	32.47			24.84	5.00	2.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	13.00	21.31			
5	75-79	Current MRTP	10.00	2.06					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	158.00	32.51			28.35	1.00	0.63

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1762.00	19.34	195.00	8.64			
10	All Ages	Current MRTP	341.00	3.74					
10	All Ages	Current Dual	154.00	1.69					
10	All Ages	Former	1983.00	21.77			16.46	100.00	5.04

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	632.00	77.74					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	19.00	2.34					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	12.00	1.48			3.58	2.00	16.67

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	527.00	62.44					
10	25-29	Current CC	202.00	23.93	5.00	1.80			
10	25-29	Current MRTP	48.00	5.69					
10	25-29	Current Dual	28.00	3.32					
10	25-29	Former	39.00	4.62			4.67	10.00	25.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	176.00	21.18	15.00	5.91			
10	30-34	Current MRTP	46.00	5.54					
10	30-34	Current Dual	32.00	3.85					
10	30-34	Former	154.00	18.53			8.98	14.00	9.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	234.00	23.42	23.00	7.59			
10	35-39	Current MRTP	46.00	4.60					
10	35-39	Current Dual	23.00	2.30					
10	35-39	Former	203.00	20.32			10.83	16.00	7.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	242.00	21.57	21.00	6.89			
10	40-44	Current MRTP	44.00	3.92					
10	40-44	Current Dual	19.00	1.69					
10	40-44	Former	277.00	24.69			11.36	15.00	5.42

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	173.00	17.84	23.00	10.90			
10	45-49	Current MRTP	28.00	2.89					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	270.00	27.84			15.11	7.00	2.59

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

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

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	144.00	17.76	21.00	12.14			
10	50-54	Current MRTP	23.00	2.84					
10	50-54	Current Dual	6.00	0.74					
10	50-54	Former	216.00	26.63			14.64	6.00	2.78
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	122.00	19.65	15.00	10.34			
10	55-59	Current MRTP	19.00	3.06					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	175.00	28.18			18.45	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	11.00	9.09			
10	60-64	Current MRTP	17.00	3.18					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	162.00	30.28			18.65	4.00	2.47
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	13.00	12.75			
10	65-69	Current MRTP	11.00	2.25					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	136.00	27.87			24.28	4.00	2.94
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	82.00	15.30	19.00	17.59			
10	70-74	Current MRTP	20.00	3.73					
10	70-74	Current Dual	6.00	1.12					
10	70-74	Former	168.00	31.34			24.49	9.00	5.36
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	61.00	11.32	29.00	32.95			
10	75-79	Current MRTP	20.00	3.71					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	171.00	31.73			27.92	7.00	4.09
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1469.00	17.14	249.00	11.70			
15	All Ages	Current MRTP	456.00	5.32					
15	All Ages	Current Dual	203.00	2.37					
15	All Ages	Former	1979.00	23.09			17.87	104.00	5.26
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	144.00	17.71	2.00	0.93			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	26.00	3.20					
15	25-29	Former	28.00	3.44			3.75	12.00	42.86
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	183.00	21.68	8.00	2.73			
15	30-34	Current MRTP	68.00	8.06					
15	30-34	Current Dual	42.00	4.98					
15	30-34	Former	69.00	8.18			5.94	14.00	20.29
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	148.00	17.81	25.00	10.46			
15	35-39	Current MRTP	55.00	6.62					
15	35-39	Current Dual	36.00	4.33					
15	35-39	Former	183.00	22.02			11.55	15.00	8.20
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	202.00	20.22	36.00	12.29			
15	40-44	Current MRTP	62.00	6.21					
15	40-44	Current Dual	29.00	2.90					
15	40-44	Former	217.00	21.72			14.22	8.00	3.69
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	203.00	18.09	28.00	9.72			
15	45-49	Current MRTP	63.00	5.61					
15	45-49	Current Dual	22.00	1.96					
15	45-49	Former	294.00	26.20			14.98	9.00	3.06
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	489.00	50.41					
15	50-54	Current CC	141.00	14.54	32.00	16.33			
15	50-54	Current MRTP	41.00	4.23					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	285.00	29.38			18.24	11.00	3.86
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	125.00	15.41	28.00	17.18			
15	55-59	Current MRTP	28.00	3.45					
15	55-59	Current Dual	10.00	1.23					
15	55-59	Former	226.00	27.87			18.01	8.00	3.54
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	99.00	15.94	18.00	13.64			
15	60-64	Current MRTP	28.00	4.51					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	188.00	30.27			21.12	3.00	1.60
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	90.00	16.82	24.00	20.69			
15	65-69	Current MRTP	22.00	4.11					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	20.00	21.51			
15	70-74	Current MRTP	17.00	3.48					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	145.00	29.71			25.70	6.00	4.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	66.00	12.31	28.00	28.28			
15	75-79	Current MRTP	26.00	4.85					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	177.00	33.02			26.18	11.00	6.21
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1200.00	14.94	284.00	14.65			

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	526.00	6.55					
20	All Ages	Current Dual	212.00	2.64					
20	All Ages	Former	1952.00	24.30			19.54	91.00	4.66
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	536.00	65.93					
20	30-34	Current CC	135.00	16.61	4.00	1.75			
20	30-34	Current MRTP	63.00	7.75					
20	30-34	Current Dual	30.00	3.69					
20	30-34	Former	49.00	6.03			5.88	8.00	16.33
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	150.00	17.77	12.00	4.26			
20	35-39	Current MRTP	88.00	10.43					
20	35-39	Current Dual	44.00	5.21					
20	35-39	Former	96.00	11.37			8.00	11.00	11.46
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	124.00	14.92	30.00	13.10			
20	40-44	Current MRTP	67.00	8.06					
20	40-44	Current Dual	38.00	4.57					
20	40-44	Former	203.00	24.43			14.80	6.00	2.96
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	178.00	17.82	42.00	15.27			
20	45-49	Current MRTP	68.00	6.81					
20	45-49	Current Dual	29.00	2.90					
20	45-49	Former	235.00	23.52			17.14	7.00	2.98
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	540.00	48.13					
20	50-54	Current CC	170.00	15.15	40.00	14.98			
20	50-54	Current MRTP	75.00	6.68					
20	50-54	Current Dual	22.00	1.96					
20	50-54	Former	315.00	28.07			17.79	16.00	5.08
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	119.00	12.27	40.00	22.10			
20	55-59	Current MRTP	48.00	4.95					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	300.00	30.93			21.13	11.00	3.67
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	103.00	12.70	34.00	22.52			
20	60-64	Current MRTP	36.00	4.44					

Results for PHIM for Run 8 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	12.00	1.48					
20	60-64	Former	238.00	29.35			21.02	9.00	3.78

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	87.00	14.01	24.00	18.90			
20	65-69	Current MRTP	33.00	5.31					
20	65-69	Current Dual	7.00	1.13					
20	65-69	Former	193.00	31.08			24.36	5.00	2.59

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	75.00	14.02	26.00	24.30			
20	70-74	Current MRTP	27.00	5.05					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	176.00	32.90			24.78	8.00	4.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	32.00	35.16			
20	75-79	Current MRTP	21.00	4.30					
20	75-79	Current Dual	11.00	2.25					
20	75-79	Former	147.00	30.12			27.50	10.00	6.80

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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	59095.444	32.418	0.016	0.055	2826.86	839.248	838.787	0.460
1992	198532	60226.142	60165.563	60.579	0.031	0.101	2778.64	842.922	842.074	0.848
1993	202512	62332.320	62210.553	121.767	0.060	0.195	2793.47	859.818	858.138	1.680
1994	200658	62691.239	62515.971	175.268	0.087	0.280	2725.82	851.622	849.241	2.381
1995	201023	63132.954	62874.192	258.763	0.129	0.410	2687.54	844.043	840.584	3.459
1996	201180	64309.880	64040.124	269.757	0.134	0.419	2653.67	848.280	844.722	3.558
1997	198639	64547.894	64165.239	382.655	0.193	0.593	2583.39	839.475	834.498	4.977
1998	197573	65384.866	64855.118	529.748	0.268	0.810	2533.29	838.367	831.574	6.792
1999	211329	67554.762	66813.825	740.937	0.351	1.097	2673.14	854.513	845.141	9.372
2000	208496	68184.366	67306.277	878.089	0.421	1.288	2604.20	851.652	840.684	10.968
2001	203606	68286.060	67163.916	1122.144	0.551	1.643	2514.65	843.372	829.513	13.859
2002	200828	68983.996	67755.936	1228.060	0.611	1.780	2455.47	843.450	828.435	15.015
2003	196352	68717.830	67204.030	1513.800	0.771	2.203	2377.49	832.057	813.728	18.330
2004	188160	67344.952	65515.165	1829.787	0.972	2.717	2254.66	806.974	785.048	21.926
2005	186416	67846.650	65759.347	2087.303	1.120	3.077	2208.07	803.634	778.910	24.724
2006	180088	66622.465	64009.507	2612.958	1.451	3.922	2113.55	781.893	751.227	30.666
2007	175644	65977.201	63018.614	2958.587	1.684	4.484	2039.92	766.256	731.895	34.361
2008	177570	67121.344	63877.606	3243.737	1.827	4.833	2039.03	770.751	733.503	37.248
2009	172806	66622.993	62918.368	3704.624	2.144	5.561	1961.22	756.123	714.078	42.045

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1278565.385	23750.98	0.609	1.824	2465.77	823.300	808.285	15.015

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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_18_Vary_parameter_combinations_2nd_set.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	31520.818	9.201	0.021	0.029	620.154	447.530	447.399	0.131
1992	45423	32811.446	32797.404	14.043	0.031	0.043	635.738	459.227	459.031	0.197
1993	46291	33467.735	33441.484	26.252	0.057	0.078	638.542	461.657	461.295	0.362
1994	47017	33989.389	33953.620	35.768	0.076	0.105	638.697	461.725	461.239	0.486
1995	47840	34566.580	34509.537	57.043	0.119	0.165	639.587	462.131	461.368	0.763
1996	48244	34997.958	34949.792	48.166	0.100	0.138	636.363	461.641	461.005	0.635
1997	49035	35549.658	35467.985	81.673	0.167	0.230	637.723	462.340	461.277	1.062
1998	49686	36138.033	36022.446	115.587	0.233	0.320	637.076	463.363	461.881	1.482
1999	48883	35506.142	35358.915	147.227	0.301	0.415	618.331	449.124	447.262	1.862
2000	50331	36573.306	36382.200	191.107	0.380	0.523	628.656	456.816	454.429	2.387
2001	50389	36733.445	36481.274	252.171	0.500	0.686	622.333	453.679	450.565	3.114
2002	51445	37627.700	37331.705	295.995	0.575	0.787	629.005	460.065	456.445	3.619
2003	51408	37552.784	37157.996	394.788	0.768	1.051	622.464	454.701	449.921	4.780
2004	51399	37527.823	37025.427	502.396	0.977	1.339	615.898	449.684	443.664	6.020
2005	51421	37486.186	36913.745	572.441	1.113	1.527	609.074	444.018	437.238	6.780
2006	51355	37409.496	36633.272	776.224	1.511	2.075	602.712	439.045	429.935	9.110
2007	51839	37602.867	36695.828	907.039	1.750	2.412	602.056	436.718	426.184	10.534
2008	50976	36986.957	36023.350	963.606	1.890	2.605	585.355	424.719	413.654	11.065
2009	51193	37201.944	36046.109	1155.835	2.258	3.107	581.003	422.215	409.097	13.118

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	705358.277	6546.562	0.668	0.920	619.890	450.053	445.914	4.139

****

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	12652.064	10.915	0.011	0.086	1368.32	179.735	179.581	0.155
1992	93721	12337.995	12309.990	28.006	0.030	0.227	1311.71	172.682	172.290	0.392
1993	93679	12401.934	12342.390	59.544	0.064	0.480	1292.22	171.073	170.252	0.821
1994	90832	12128.576	12037.950	90.626	0.100	0.747	1233.90	164.759	163.528	1.231
1995	89698	11958.696	11833.890	124.806	0.139	1.044	1199.20	159.879	158.211	1.669
1996	88286	12020.749	11865.994	154.756	0.175	1.287	1164.54	158.560	156.518	2.041
1997	84777	11593.724	11390.394	203.329	0.240	1.754	1102.56	150.782	148.137	2.644
1998	82517	11337.035	11064.589	272.446	0.330	2.403	1058.04	145.364	141.871	3.493
1999	93939	13027.458	12617.905	409.553	0.436	3.144	1188.25	164.787	159.606	5.181
2000	90039	12607.547	12160.903	446.644	0.496	3.543	1124.63	157.474	151.895	5.579
2001	86119	12350.451	11783.789	566.662	0.658	4.588	1063.62	152.535	145.537	6.999
2002	83014	12112.097	11498.559	613.538	0.739	5.065	1014.99	148.092	140.590	7.502
2003	79302	11683.252	10989.020	694.232	0.875	5.942	960.214	141.465	133.059	8.406
2004	73861	11139.095	10332.630	806.465	1.092	7.240	885.053	133.476	123.813	9.664
2005	71649	10884.683	9994.434	890.249	1.243	8.179	848.672	128.927	118.383	10.545
2006	67551	10397.565	9371.235	1026.330	1.519	9.871	792.791	122.028	109.983	12.045
2007	63503	9785.831	8653.019	1132.812	1.784	11.576	737.521	113.652	100.496	13.156
2008	63171	9922.524	8688.931	1233.593	1.953	12.432	725.389	113.940	99.775	14.165
2009	59747	9483.598	8157.643	1325.954	2.219	13.982	678.085	107.632	92.583	15.049

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	222392.090	10090.46	0.611	4.340	1043.56	146.971	140.592	6.379

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3111.159	4.857	0.015	0.156	461.369	44.228	44.159	0.069
1992	32560	3095.448	3085.709	9.738	0.030	0.315	455.708	43.324	43.187	0.136
1993	32768	3114.516	3095.828	18.688	0.057	0.600	452.005	42.962	42.704	0.258
1994	33005	3168.398	3140.342	28.056	0.085	0.886	448.353	43.041	42.660	0.381
1995	33730	3200.274	3159.683	40.591	0.120	1.268	450.946	42.785	42.243	0.543
1996	33750	3234.738	3183.340	51.399	0.152	1.589	445.180	42.668	41.990	0.678
1997	33699	3240.665	3180.679	59.985	0.178	1.851	438.271	42.146	41.366	0.780
1998	33274	3171.578	3087.278	84.300	0.253	2.658	426.640	40.666	39.585	1.081
1999	33891	3153.786	3041.799	111.987	0.330	3.551	428.694	39.893	38.476	1.417
2000	33827	3237.043	3098.574	138.469	0.409	4.278	422.514	40.432	38.703	1.730
2001	32506	3110.972	2939.649	171.323	0.527	5.507	401.468	38.422	36.306	2.116
2002	32078	3123.298	2935.668	187.630	0.585	6.007	392.210	38.188	35.894	2.294
2003	30568	3025.984	2817.834	208.150	0.681	6.879	370.127	36.640	34.119	2.520
2004	29388	2983.453	2729.377	254.076	0.865	8.516	352.147	35.750	32.705	3.045
2005	27954	2926.679	2645.742	280.937	1.005	9.599	331.111	34.666	31.338	3.328
2006	27201	2889.308	2569.762	319.546	1.175	11.060	319.236	33.909	30.159	3.750
2007	26302	2810.025	2447.902	362.124	1.377	12.887	305.470	32.636	28.430	4.206
2008	25998	2773.025	2391.951	381.074	1.466	13.742	298.534	31.843	27.467	4.376
2009	25040	2723.293	2300.323	422.971	1.689	15.532	284.186	30.907	26.107	4.800

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

Age Group:All		Null	MRTP			%Drop		Null	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	58155.842	3135.901	0.503	5.116	394.195	38.747	36.765	1.982

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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	11811.403	7.445	0.028	0.063	377.015	167.754	167.648	0.106
1992	26828	11981.252	11972.461	8.792	0.033	0.073	375.483	167.689	167.566	0.123
1993	29774	13348.134	13330.852	17.282	0.058	0.129	410.705	184.125	183.887	0.238
1994	29804	13404.876	13384.058	20.818	0.070	0.155	404.869	182.097	181.814	0.283
1995	29755	13407.404	13371.082	36.323	0.122	0.271	397.803	179.248	178.762	0.486
1996	30900	14056.435	14040.999	15.436	0.050	0.110	407.587	185.412	185.208	0.204
1997	31128	14163.848	14126.180	37.668	0.121	0.266	404.834	184.207	183.717	0.490
1998	32096	14738.220	14680.805	57.415	0.179	0.390	411.536	188.974	188.238	0.736
1999	34616	15867.376	15795.207	72.169	0.208	0.455	437.865	200.710	199.797	0.913
2000	34299	15766.470	15664.600	101.870	0.297	0.646	428.409	196.930	195.658	1.272
2001	34592	16091.193	15959.205	131.988	0.382	0.820	427.231	198.736	197.105	1.630
2002	34291	16120.902	15990.005	130.897	0.382	0.812	419.268	197.106	195.506	1.600
2003	35074	16455.810	16239.180	216.630	0.618	1.316	424.687	199.252	196.629	2.623
2004	33512	15694.580	15427.731	266.849	0.796	1.700	401.564	188.063	184.866	3.198
2005	35392	16549.102	16205.425	343.677	0.971	2.077	419.213	196.022	191.951	4.071
2006	33981	15926.096	15435.239	490.857	1.445	3.082	398.807	186.912	181.151	5.761
2007	34000	15778.477	15221.865	556.613	1.637	3.528	394.875	183.251	176.786	6.464
2008	37425	17438.838	16773.374	665.464	1.778	3.816	429.749	200.249	192.608	7.641
2009	36826	17214.158	16414.293	799.864	2.172	4.647	417.948	195.368	186.290	9.078

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

Age Group:All		Null	MRTP			%Drop		Null	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	292659.177	3978.056	0.616	1.341	408.132	187.528	185.014	2.515

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN5
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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

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 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 9, Scenario: STP_MRTP

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

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

****

Main Output for the Smoking History Summarized over Simulations for Run: 9, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	124.00	4.63			
5	All Ages	Current MRTP	97.00	1.06					
5	All Ages	Current Dual	91.00	0.99					
5	All Ages	Former	2600.00	28.33			15.59	147.00	5.65

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	1.00	0.32			
5	25-29	Current MRTP	17.00	1.77					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	117.00	12.21			4.88	22.00	18.80
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	356.00	33.15	8.00	2.11			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	13.00	3.66			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
5	35-39	Former	254.00	23.45			7.76	19.00	7.48
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	298.00	34.69			13.82	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	9.00	6.21			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	224.00	42.75			16.80	14.00	6.25
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	17.00	19.32			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	254.00	56.70			23.01	9.00	3.54

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	73.00	20.33	11.00	13.92			
5	75-79	Current MRTP	3.00	0.84					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	212.00	59.05			24.31	6.00	2.83

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2333.00	24.89	203.00	7.60			
10	All Ages	Current MRTP	197.00	2.10					
10	All Ages	Current Dual	141.00	1.50					
10	All Ages	Former	2621.00	27.96			17.23	172.00	6.56

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	12.00	1.34			2.67	5.00	41.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	244.00	26.67	5.00	1.62			
10	25-29	Current MRTP	31.00	3.39					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	53.00	5.79			4.28	19.00	35.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	252.00	26.30	5.00	1.58			
10	30-34	Current MRTP	36.00	3.76					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	159.00	16.60			7.45	21.00	13.21

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	325.00	30.26	18.00	4.97			
10	35-39	Current MRTP	21.00	1.96					
10	35-39	Current Dual	16.00	1.49					
10	35-39	Former	238.00	22.16			9.66	20.00	8.40

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	290.00	26.78	23.00	7.26			
10	40-44	Current MRTP	20.00	1.85					
10	40-44	Current Dual	7.00	0.65					
10	40-44	Former	296.00	27.33			10.66	26.00	8.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	22.00	7.75			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.73	14.00	4.88

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

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

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	28.00	11.48			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	14.00	1.63					
10	50-54	Former	307.00	35.74			17.31	6.00	1.95
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	23.00	12.30			
10	55-59	Current MRTP	12.00	1.90					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	251.00	39.84			20.20	11.00	4.38
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	12.00	8.96			
10	60-64	Current MRTP	2.00	0.38					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	235.00	44.85			19.94	9.00	3.83
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	20.00	16.95			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	256.00	49.71			21.64	13.00	5.08
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	29.00	23.77			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	258.00	51.60			24.69	14.00	5.43
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	18.00	24.66			
10	75-79	Current MRTP	10.00	2.23					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	269.00	60.04			25.18	14.00	5.20
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2076.00	23.26	255.00	10.25			
15	All Ages	Current MRTP	252.00	2.82					
15	All Ages	Current Dual	159.00	1.78					
15	All Ages	Former	2584.00	28.95			18.48	163.00	6.31
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	41.00	4.58					
15	25-29	Current Dual	23.00	2.57					
15	25-29	Former	39.00	4.35			3.59	13.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	224.00	24.48	9.00	2.99			
15	30-34	Current MRTP	43.00	4.70					
15	30-34	Current Dual	34.00	3.72					
15	30-34	Former	94.00	10.27			5.61	23.00	24.47
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	231.00	24.11	13.00	4.35			
15	35-39	Current MRTP	37.00	3.86					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	191.00	19.94			10.09	21.00	10.99
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	288.00	26.82	25.00	7.58			
15	40-44	Current MRTP	26.00	2.42					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	272.00	25.33			12.46	17.00	6.25
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	264.00	24.38	33.00	11.11			
15	45-49	Current MRTP	23.00	2.12					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	316.00	29.18			14.25	14.00	4.43
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	224.00	23.02	26.00	10.53			
15	50-54	Current MRTP	16.00	1.64					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	324.00	33.30			17.98	17.00	5.25
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	192.00	22.35	32.00	14.41			
15	55-59	Current MRTP	17.00	1.98					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	329.00	38.30			20.14	19.00	5.78
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	30.00	17.14			
15	60-64	Current MRTP	16.00	2.54					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	263.00	41.75			22.76	13.00	4.94
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	123.00	23.47	27.00	20.00			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	234.00	44.66			23.21	5.00	2.14
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	91.00	17.67	25.00	21.93			
15	70-74	Current MRTP	15.00	2.91					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	260.00	50.49			24.72	10.00	3.85
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	35.00	29.66			
15	75-79	Current MRTP	15.00	3.00					
15	75-79	Current Dual	5.00	1.00					
15	75-79	Former	262.00	52.40			26.59	11.00	4.20
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1749.00	20.75	282.00	12.94			

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	258.00	3.06					
20	All Ages	Current Dual	172.00	2.04					
20	All Ages	Former	2572.00	30.52			19.27	168.00	6.53
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	175.00	19.53	3.00	1.22			
20	30-34	Current MRTP	41.00	4.58					
20	30-34	Current Dual	30.00	3.35					
20	30-34	Former	75.00	8.37			5.40	17.00	22.67
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	197.00	21.53	15.00	5.38			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	34.00	3.72					
20	35-39	Former	134.00	14.64			7.49	22.00	16.42
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	210.00	21.92	21.00	7.55			
20	40-44	Current MRTP	35.00	3.65					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	221.00	23.07			12.70	14.00	6.33
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	265.00	24.67	30.00	9.90			
20	45-49	Current MRTP	26.00	2.42					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	299.00	27.84			15.22	22.00	7.36
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	228.00	21.05	43.00	16.10			
20	50-54	Current MRTP	31.00	2.86					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	346.00	31.95			16.87	17.00	4.91
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	200.00	20.55	32.00	14.29			
20	55-59	Current MRTP	16.00	1.64					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	347.00	35.66			20.65	14.00	4.03
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	169.00	19.67	38.00	18.45			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	128.00	20.32	35.00	22.15			
20	65-69	Current MRTP	20.00	3.17					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.20	15.00	5.36

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	105.00	20.04	35.00	28.23			
20	70-74	Current MRTP	10.00	1.91					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	245.00	46.76			25.41	11.00	4.49

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	72.00	13.98	30.00	31.91			
20	75-79	Current MRTP	10.00	1.94					
20	75-79	Current Dual	12.00	2.33					
20	75-79	Former	280.00	54.37			25.13	20.00	7.14

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121972.367	171.351	0.056	0.140	4692.62	1857.47	1854.87	2.606
1993	311713	123269.216	122911.532	357.684	0.115	0.290	4656.77	1841.55	1836.21	5.344
1994	305700	120480.723	119976.910	503.813	0.165	0.418	4482.57	1766.64	1759.26	7.388
1995	303225	118666.569	117956.937	709.631	0.234	0.598	4361.58	1706.89	1696.69	10.207
1996	299559	116607.195	115695.927	911.267	0.304	0.781	4242.85	1651.58	1638.68	12.907
1997	294226	114665.051	113623.096	1041.956	0.354	0.909	4100.64	1598.09	1583.57	14.522
1998	289258	113038.380	111765.576	1272.805	0.440	1.126	3966.28	1549.97	1532.52	17.453
1999	311002	117067.463	115354.483	1712.979	0.551	1.463	4198.14	1580.27	1557.14	23.123
2000	303786	114977.407	113110.683	1866.725	0.614	1.624	4041.13	1529.49	1504.66	24.832
2001	296294	113047.319	111033.082	2014.237	0.680	1.782	3890.54	1484.39	1457.94	26.448
2002	291898	111744.742	109556.845	2187.897	0.750	1.958	3789.34	1450.64	1422.24	28.403
2003	285865	110551.854	108185.204	2366.649	0.828	2.141	3671.31	1419.80	1389.40	30.394
2004	274177	107418.262	105020.459	2397.803	0.875	2.232	3481.92	1364.16	1333.71	30.451
2005	272379	107678.770	105179.396	2499.374	0.918	2.321	3417.44	1351.01	1319.65	31.359
2006	264118	104357.806	101814.751	2543.056	0.963	2.437	3281.83	1296.71	1265.11	31.599
2007	258419	102690.449	99978.495	2711.954	1.049	2.641	3176.05	1262.10	1228.77	33.331
2008	259461	103492.166	100419.841	3072.325	1.184	2.969	3150.91	1256.82	1219.51	37.311
2009	253907	101384.044	98097.799	3286.245	1.294	3.241	3045.20	1215.94	1176.52	39.413

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2241564.132	31679.55	0.545	1.394	3927.78	1535.76	1514.36	21.402

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

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

Note: Death rates are per million population

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

Results for PHIM for Run 9 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62499.327	36.020	0.046	0.058	1185.97	950.993	950.445	0.548
1993	78542	62883.111	62813.839	69.272	0.088	0.110	1173.36	939.428	938.393	1.035
1994	77437	61805.804	61704.772	101.032	0.130	0.163	1135.48	906.276	904.795	1.481
1995	76904	61145.799	61000.900	144.900	0.188	0.237	1106.18	879.519	877.434	2.084
1996	76232	60385.323	60197.787	187.536	0.246	0.311	1079.72	855.277	852.621	2.656
1997	75473	59549.806	59347.731	202.074	0.268	0.339	1051.87	829.947	827.131	2.816
1998	75381	59292.315	59008.054	284.261	0.377	0.479	1033.62	813.010	809.112	3.898
1999	73159	57398.351	57046.903	351.449	0.480	0.612	987.557	774.807	770.063	4.744
2000	73784	57716.549	57295.014	421.534	0.571	0.730	981.515	767.777	762.169	5.607
2001	73294	57211.877	56748.956	462.921	0.632	0.809	962.399	751.230	745.152	6.078
2002	72442	56438.810	55934.118	504.692	0.697	0.894	940.422	732.673	726.122	6.552
2003	71942	55948.341	55426.790	521.552	0.725	0.932	923.937	718.533	711.835	6.698
2004	71301	55339.218	54792.806	546.413	0.766	0.987	905.490	702.783	695.844	6.939
2005	70964	54964.459	54412.560	551.899	0.778	1.004	890.360	689.620	682.695	6.924
2006	69658	53781.526	53227.465	554.061	0.795	1.030	865.543	668.268	661.384	6.885
2007	68565	52784.985	52206.460	578.524	0.844	1.096	842.687	648.745	641.635	7.110
2008	68226	52470.692	51797.053	673.639	0.987	1.284	828.542	637.208	629.027	8.181
2009	67509	51823.021	51094.803	728.219	1.079	1.405	809.661	621.533	612.800	8.734

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1153055.783	6932.745	0.470	0.598	997.213	783.665	778.982	4.684

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37039.000	28.385	0.017	0.077	2599.72	573.449	573.010	0.439
1992	164548	35863.851	35763.501	100.350	0.061	0.280	2502.33	545.392	543.866	1.526
1993	164362	35459.800	35244.139	215.661	0.131	0.608	2455.45	529.744	526.522	3.222
1994	159866	34293.631	33997.158	296.473	0.185	0.865	2344.16	502.857	498.510	4.347
1995	158083	33531.695	33123.253	408.441	0.258	1.218	2273.86	482.318	476.443	5.875
1996	154875	32438.163	31923.419	514.744	0.332	1.587	2193.60	459.443	452.152	7.291
1997	149970	31179.663	30580.263	599.400	0.400	1.922	2090.14	434.552	426.198	8.354
1998	145407	29860.736	29185.671	675.065	0.464	2.261	1993.81	409.447	400.191	9.256
1999	165952	34413.904	33471.789	942.115	0.568	2.738	2240.15	464.545	451.828	12.717
2000	160260	33265.290	32288.021	977.269	0.610	2.938	2131.87	442.513	429.513	13.000
2001	154444	32074.102	31028.943	1045.158	0.677	3.259	2027.95	421.154	407.431	13.724
2002	151887	31817.956	30686.010	1131.947	0.745	3.558	1971.76	413.052	398.357	14.695
2003	146733	31025.931	29757.390	1268.542	0.865	4.089	1884.46	398.460	382.168	16.292
2004	138381	29503.602	28222.671	1280.931	0.926	4.342	1757.38	374.682	358.415	16.267
2005	135881	29077.894	27732.890	1345.004	0.990	4.626	1704.85	364.830	347.955	16.875
2006	131922	28385.448	26977.281	1408.167	1.067	4.961	1639.21	352.707	335.209	17.497
2007	126502	27327.625	25812.670	1514.956	1.198	5.544	1554.75	335.866	317.246	18.619
2008	125859	27025.472	25366.871	1658.601	1.318	6.137	1528.44	328.199	308.057	20.142
2009	122428	26361.626	24586.365	1775.261	1.450	6.734	1468.33	316.165	294.874	21.291

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	621170.203	17186.47	0.573	2.692	2024.64	431.261	419.650	11.611

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.024	16.172	0.050	0.370	488.154	66.474	66.228	0.246
1993	32896	4414.136	4376.603	37.534	0.114	0.850	491.442	65.944	65.383	0.561
1994	33323	4474.895	4420.574	54.321	0.163	1.214	488.625	65.617	64.820	0.797
1995	33569	4476.290	4398.083	78.207	0.233	1.747	482.855	64.387	63.262	1.125
1996	33870	4489.078	4385.740	103.338	0.305	2.302	479.723	63.582	62.118	1.464
1997	33516	4444.866	4316.195	128.672	0.384	2.895	467.113	61.948	60.155	1.793
1998	32795	4313.427	4184.519	128.908	0.393	2.989	449.682	59.145	57.378	1.768
1999	33375	4232.739	4078.189	154.550	0.463	3.651	450.521	57.137	55.051	2.086
2000	33459	4307.577	4151.849	155.728	0.465	3.615	445.090	57.302	55.230	2.072
2001	32275	4136.308	3978.948	157.360	0.488	3.804	423.792	54.312	52.246	2.066
2002	31586	4079.175	3918.770	160.405	0.508	3.932	410.041	52.955	50.872	2.082
2003	30985	4096.221	3902.003	194.218	0.627	4.741	397.934	52.607	50.113	2.494
2004	29884	4034.217	3841.810	192.406	0.644	4.769	379.513	51.233	48.789	2.443
2005	28708	3944.303	3747.116	197.186	0.687	4.999	360.189	49.488	47.014	2.474
2006	28188	3970.169	3757.143	213.026	0.756	5.366	350.253	49.332	46.685	2.647
2007	28026	3957.558	3716.001	241.556	0.862	6.104	344.449	48.640	45.671	2.969
2008	27128	3812.302	3568.719	243.582	0.898	6.389	329.444	46.297	43.339	2.958
2009	27068	3827.467	3551.582	275.885	1.019	7.208	324.637	45.904	42.595	3.309

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81720.454	2737.049	0.436	3.241	424.421	57.058	55.209	1.849

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19354.515	18.809	0.055	0.097	516.166	294.616	294.330	0.286
1993	35913	20512.169	20476.951	35.218	0.098	0.172	536.514	306.437	305.911	0.526
1994	35074	19906.392	19854.405	51.987	0.148	0.261	514.300	291.893	291.131	0.762
1995	34669	19512.784	19434.701	78.084	0.225	0.400	498.677	280.671	279.548	1.123
1996	34582	19294.631	19188.981	105.650	0.306	0.548	489.808	273.283	271.786	1.496
1997	35267	19490.717	19378.907	111.810	0.317	0.574	491.517	271.643	270.084	1.558
1998	35675	19571.902	19387.331	184.571	0.517	0.943	489.172	268.368	265.837	2.531
1999	38516	21022.469	20757.603	264.866	0.688	1.260	519.919	283.777	280.202	3.575
2000	36283	19687.992	19375.798	312.193	0.860	1.586	482.656	261.900	257.747	4.153
2001	36281	19625.032	19276.235	348.797	0.961	1.777	476.394	257.690	253.110	4.580
2002	35983	19408.801	19017.947	390.853	1.086	2.014	467.122	251.960	246.886	5.074
2003	36205	19481.360	19099.022	382.338	1.056	1.963	464.974	250.195	245.285	4.910
2004	34611	18541.224	18163.171	378.053	1.092	2.039	439.544	235.465	230.664	4.801
2005	36826	19692.114	19286.830	405.284	1.101	2.058	462.043	247.070	241.985	5.085
2006	34350	18220.663	17852.862	367.801	1.071	2.019	426.820	226.403	221.833	4.570
2007	35326	18620.282	18243.364	376.918	1.067	2.024	434.168	228.849	224.217	4.632
2008	38248	20183.701	19687.198	496.503	1.298	2.460	464.487	245.112	239.083	6.030
2009	36902	19371.930	18865.050	506.880	1.374	2.617	442.580	232.335	226.256	6.079

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385617.691	4823.283	0.677	1.235	481.512	263.774	260.516	3.259

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN5
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 10, Scenario: STP_NULL

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

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

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 10, Scenario: STP_MRTP

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

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	105.00	4.77			
5	All Ages	Current MRTP	105.00	1.16					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1998.00	22.00			14.75	123.00	6.16

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	3.00	1.01			1.33	2.00	66.67

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

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	8.00	3.39			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	13.00	1.56					
5	25-29	Former	138.00	16.61			5.35	15.00	10.87
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.35			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	184.00	18.42			7.69	14.00	7.61
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	9.00	2.73			
5	35-39	Current MRTP	20.00	1.78					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	242.00	21.57			8.40	16.00	6.61
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	252.00	25.98			11.56	15.00	5.95
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	8.00	4.32			
5	45-49	Current MRTP	4.00	0.49					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.20	16.00	7.84
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	7.00	5.47			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.06	7.00	4.52
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	11.00	18.97			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	161.00	33.13			27.84	3.00	1.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	173.00	7.83			
10	All Ages	Current MRTP	185.00	2.03					
10	All Ages	Current Dual	130.00	1.43					
10	All Ages	Former	2031.00	22.30			16.13	126.00	6.20

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	14.00	1.72					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	12.00	1.48			3.67	3.00	25.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.89			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	52.00	6.16			4.29	18.00	34.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	186.00	22.38	13.00	5.60			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	24.00	2.89					
10	30-34	Former	176.00	21.18			8.14	21.00	11.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	257.00	25.73	24.00	7.97			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	205.00	20.52			10.80	10.00	4.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	265.00	23.62	20.00	6.47			
10	40-44	Current MRTP	29.00	2.58					
10	40-44	Current Dual	15.00	1.34					
10	40-44	Former	273.00	24.33			11.49	17.00	6.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	189.00	19.48	20.00	9.39			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	268.00	27.63			15.10	12.00	4.48

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

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

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	158.00	19.48	17.00	9.88			
10	50-54	Current MRTP	11.00	1.36					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	217.00	26.76			14.47	13.00	5.99
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	16.00	11.19			
10	55-59	Current MRTP	10.00	1.61					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	177.00	28.50			18.31	7.00	3.95
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	9.00	7.44			
10	60-64	Current MRTP	5.00	0.93					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	162.00	30.28			18.71	3.00	1.85
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	92.00	18.85	10.00	10.10			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	139.00	28.48			23.81	2.00	1.44
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	13.00	13.00			
10	70-74	Current MRTP	10.00	1.87					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	176.00	32.84			23.67	11.00	6.25
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	26.00	30.59			
10	75-79	Current MRTP	12.00	2.23					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	174.00	32.28			27.46	9.00	5.17
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1635.00	19.08	204.00	10.18			
15	All Ages	Current MRTP	214.00	2.50					
15	All Ages	Current Dual	154.00	1.80					
15	All Ages	Former	2104.00	24.55			17.04	143.00	6.80
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	150.00	18.45	2.00	0.95			
15	25-29	Current MRTP	35.00	4.31					
15	25-29	Current Dual	25.00	3.08					
15	25-29	Former	34.00	4.18			3.94	12.00	35.29
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	195.00	23.10	8.00	2.91			
15	30-34	Current MRTP	44.00	5.21					
15	30-34	Current Dual	36.00	4.27					
15	30-34	Former	87.00	10.31			5.90	18.00	20.69
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	163.00	19.61	22.00	10.23			
15	35-39	Current MRTP	27.00	3.25					
15	35-39	Current Dual	25.00	3.01					
15	35-39	Former	207.00	24.91			11.02	13.00	6.28
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	226.00	22.62	29.00	10.58			
15	40-44	Current MRTP	22.00	2.20					
15	40-44	Current Dual	26.00	2.60					
15	40-44	Former	236.00	23.62			13.39	14.00	5.93
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	231.00	20.59	25.00	9.06			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	306.00	27.27			14.41	13.00	4.25
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	165.00	17.01	28.00	14.51			
15	50-54	Current MRTP	15.00	1.55					
15	50-54	Current Dual	13.00	1.34					
15	50-54	Former	288.00	29.69			17.92	15.00	5.21
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	142.00	17.51	18.00	11.76			
15	55-59	Current MRTP	8.00	0.99					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	236.00	29.10			17.19	16.00	6.78
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	18.00	14.75			
15	60-64	Current MRTP	9.00	1.45					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.16	12.00	6.06
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	21.00	18.75			
15	65-69	Current MRTP	7.00	1.31					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	171.00	31.96			21.43	7.00	4.09
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	77.00	15.78	11.00	13.10			
15	70-74	Current MRTP	6.00	1.23					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	154.00	31.56			24.49	10.00	6.49
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	74.00	13.81	22.00	24.72			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	187.00	34.89			25.13	13.00	6.95
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1395.00	17.36	220.00	12.51			

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	219.00	2.73					
20	All Ages	Current Dual	145.00	1.80					
20	All Ages	Former	2131.00	26.52			18.39	125.00	5.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.43			
20	30-34	Current MRTP	39.00	4.80					
20	30-34	Current Dual	26.00	3.20					
20	30-34	Former	67.00	8.24			5.45	14.00	20.90
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	169.00	20.02	11.00	4.45			
20	35-39	Current MRTP	47.00	5.57					
20	35-39	Current Dual	31.00	3.67					
20	35-39	Former	131.00	15.52			7.34	27.00	20.61
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	143.00	17.21	27.00	13.57			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	27.00	3.25					
20	40-44	Former	233.00	28.04			14.03	9.00	3.86
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	208.00	20.82	31.00	12.30			
20	45-49	Current MRTP	22.00	2.20					
20	45-49	Current Dual	22.00	2.20					
20	45-49	Former	258.00	25.83			16.24	11.00	4.26
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	204.00	18.18	29.00	11.84			
20	50-54	Current MRTP	28.00	2.50					
20	50-54	Current Dual	13.00	1.16					
20	50-54	Former	337.00	30.04			16.98	18.00	5.34
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	149.00	15.36	30.00	17.14			
20	55-59	Current MRTP	13.00	1.34					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	306.00	31.55			20.69	9.00	2.94
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	25.00	17.73			
20	60-64	Current MRTP	17.00	2.10					

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	23.00	20.18			
20	65-69	Current MRTP	11.00	1.77					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	206.00	33.17			23.22	4.00	1.94

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	22.00	22.00			
20	70-74	Current MRTP	8.00	1.50					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	183.00	34.21			24.08	10.00	5.46

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	67.00	13.73	19.00	25.00			
20	75-79	Current MRTP	5.00	1.02					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	162.00	33.20			25.61	10.00	6.17

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60199.074	27.068	0.014	0.045	2778.64	842.922	842.543	0.379
1993	202512	62332.320	62277.269	55.051	0.027	0.088	2793.47	859.818	859.058	0.759
1994	200658	62691.239	62615.361	75.878	0.038	0.121	2725.82	851.622	850.591	1.031
1995	201023	63132.954	63014.269	118.685	0.059	0.188	2687.54	844.043	842.457	1.587
1996	201180	64309.880	64249.497	60.383	0.030	0.094	2653.67	848.280	847.483	0.796
1997	198639	64547.894	64448.419	99.474	0.050	0.154	2583.39	839.475	838.181	1.294
1998	197573	65384.866	65210.596	174.271	0.088	0.267	2533.29	838.367	836.132	2.235
1999	211329	67554.762	67263.041	291.721	0.138	0.432	2673.14	854.513	850.823	3.690
2000	208496	68184.366	67831.174	353.192	0.169	0.518	2604.20	851.652	847.240	4.412
2001	203606	68286.060	67761.160	524.900	0.258	0.769	2514.65	843.372	836.889	6.483
2002	200828	68983.996	68440.460	543.536	0.271	0.788	2455.47	843.450	836.805	6.646
2003	196352	68717.830	67966.661	751.169	0.383	1.093	2377.49	832.057	822.962	9.095
2004	188160	67344.952	66341.679	1003.273	0.533	1.490	2254.66	806.974	794.952	12.022
2005	186416	67846.650	66668.473	1178.177	0.632	1.737	2208.07	803.634	789.678	13.955
2006	180088	66622.465	65019.241	1603.224	0.890	2.406	2113.55	781.893	763.078	18.816
2007	175644	65977.201	64104.438	1872.763	1.066	2.838	2039.92	766.256	744.506	21.750
2008	177570	67121.344	65099.726	2021.618	1.138	3.012	2039.03	770.751	747.537	23.214
2009	172806	66622.993	64295.465	2327.527	1.347	3.494	1961.22	756.123	729.707	26.416

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1289215.930	13100.44	0.336	1.006	2465.77	823.300	815.018	8.282

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

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

Note: Death rates are per million population

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

Results for PHIM for Run 10 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.966	6.480	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33455.498	12.238	0.026	0.037	638.542	461.657	461.488	0.169
1994	47017	33989.389	33974.798	14.591	0.031	0.043	638.697	461.725	461.527	0.198
1995	47840	34566.580	34541.527	25.053	0.052	0.072	639.587	462.131	461.796	0.335
1996	48244	34997.958	34998.374	-0.416	-0.001	-0.001	636.363	461.641	461.646	-0.005
1997	49035	35549.658	35536.092	13.566	0.028	0.038	637.723	462.340	462.163	0.176
1998	49686	36138.033	36112.692	25.341	0.051	0.070	637.076	463.363	463.038	0.325
1999	48883	35506.142	35462.879	43.263	0.089	0.122	618.331	449.124	448.577	0.547
2000	50331	36573.306	36508.910	64.396	0.128	0.176	628.656	456.816	456.012	0.804
2001	50389	36733.445	36627.316	106.129	0.211	0.289	622.333	453.679	452.369	1.311
2002	51445	37627.700	37508.642	119.059	0.231	0.316	629.005	460.065	458.609	1.456
2003	51408	37552.784	37362.078	190.706	0.371	0.508	622.464	454.701	452.392	2.309
2004	51399	37527.823	37258.628	269.195	0.524	0.717	615.898	449.684	446.459	3.226
2005	51421	37486.186	37173.922	312.264	0.607	0.833	609.074	444.018	440.320	3.699
2006	51355	37409.496	36940.387	469.109	0.913	1.254	602.712	439.045	433.539	5.506
2007	51839	37602.867	37039.957	562.911	1.086	1.497	602.056	436.718	430.180	6.538
2008	50976	36986.957	36404.535	582.422	1.143	1.575	585.355	424.719	418.031	6.688
2009	51193	37201.944	36495.422	706.522	1.380	1.899	581.003	422.215	414.197	8.019

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	708375.812	3529.027	0.360	0.496	619.890	450.053	447.822	2.231

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12326.022	11.973	0.013	0.097	1311.71	172.682	172.514	0.168
1993	93679	12401.934	12375.029	26.905	0.029	0.217	1292.22	171.073	170.702	0.371
1994	90832	12128.576	12086.938	41.638	0.046	0.343	1233.90	164.759	164.194	0.566
1995	89698	11958.696	11899.290	59.406	0.066	0.497	1199.20	159.879	159.085	0.794
1996	88286	12020.749	11964.451	56.298	0.064	0.468	1164.54	158.560	157.817	0.743
1997	84777	11593.724	11519.447	74.276	0.088	0.641	1102.56	150.782	149.816	0.966
1998	82517	11337.035	11220.448	116.587	0.141	1.028	1058.04	145.364	143.869	1.495
1999	93939	13027.458	12833.771	193.686	0.206	1.487	1188.25	164.787	162.337	2.450
2000	90039	12607.547	12404.568	202.979	0.225	1.610	1124.63	157.474	154.938	2.535
2001	86119	12350.451	12063.256	287.195	0.333	2.325	1063.62	152.535	148.988	3.547
2002	83014	12112.097	11807.404	304.693	0.367	2.516	1014.99	148.092	144.366	3.725
2003	79302	11683.252	11324.946	358.307	0.452	3.067	960.214	141.465	137.126	4.338
2004	73861	11139.095	10687.584	451.511	0.611	4.053	885.053	133.476	128.066	5.410
2005	71649	10884.683	10373.260	511.423	0.714	4.699	848.672	128.927	122.870	6.058
2006	67551	10397.565	9771.905	625.660	0.926	6.017	792.791	122.028	114.685	7.343
2007	63503	9785.831	9065.966	719.865	1.134	7.356	737.521	113.652	105.292	8.360
2008	63171	9922.524	9140.973	781.551	1.237	7.877	725.389	113.940	104.965	8.975
2009	59747	9483.598	8637.984	845.614	1.415	8.917	678.085	107.632	98.035	9.597

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	226808.604	5673.945	0.344	2.441	1043.56	146.971	143.384	3.587

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.249	4.199	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3107.325	7.191	0.022	0.231	452.005	42.962	42.863	0.099
1994	33005	3168.398	3156.568	11.830	0.036	0.373	448.353	43.041	42.880	0.161
1995	33730	3200.274	3182.252	18.022	0.053	0.563	450.946	42.785	42.544	0.241
1996	33750	3234.738	3214.662	20.077	0.059	0.621	445.180	42.668	42.403	0.265
1997	33699	3240.665	3223.456	17.209	0.051	0.531	438.271	42.146	41.923	0.224
1998	33274	3171.578	3137.721	33.857	0.102	1.068	426.640	40.666	40.232	0.434
1999	33891	3153.786	3101.282	52.504	0.155	1.665	428.694	39.893	39.229	0.664
2000	33827	3237.043	3171.103	65.940	0.195	2.037	422.514	40.432	39.608	0.824
2001	32506	3110.972	3018.405	92.566	0.285	2.975	401.468	38.422	37.279	1.143
2002	32078	3123.298	3023.096	100.201	0.312	3.208	392.210	38.188	36.963	1.225
2003	30568	3025.984	2914.064	111.920	0.366	3.699	370.127	36.640	35.284	1.355
2004	29388	2983.453	2836.818	146.635	0.499	4.915	352.147	35.750	33.993	1.757
2005	27954	2926.679	2756.378	170.301	0.609	5.819	331.111	34.666	32.649	2.017
2006	27201	2889.308	2682.270	207.038	0.761	7.166	319.236	33.909	31.480	2.430
2007	26302	2810.025	2568.869	241.156	0.917	8.582	305.470	32.636	29.835	2.801
2008	25998	2773.025	2519.436	253.589	0.975	9.145	298.534	31.843	28.931	2.912
2009	25040	2723.293	2440.990	282.303	1.127	10.366	284.186	30.907	27.703	3.204

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59452.767	1838.976	0.295	3.000	394.195	38.747	37.585	1.163

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.836	4.416	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13339.417	8.717	0.029	0.065	410.705	184.125	184.005	0.120
1994	29804	13404.876	13397.057	7.819	0.026	0.058	404.869	182.097	181.991	0.106
1995	29755	13407.404	13391.200	16.205	0.054	0.121	397.803	179.248	179.031	0.217
1996	30900	14056.435	14072.011	-15.576	-0.050	-0.111	407.587	185.412	185.617	-0.205
1997	31128	14163.848	14169.424	-5.576	-0.018	-0.039	404.834	184.207	184.280	-0.073
1998	32096	14738.220	14739.734	-1.514	-0.005	-0.010	411.536	188.974	188.993	-0.019
1999	34616	15867.376	15865.108	2.268	0.007	0.014	437.865	200.710	200.681	0.029
2000	34299	15766.470	15746.593	19.877	0.058	0.126	428.409	196.930	196.682	0.248
2001	34592	16091.193	16052.183	39.010	0.113	0.242	427.231	198.736	198.254	0.482
2002	34291	16120.902	16101.319	19.583	0.057	0.121	419.268	197.106	196.867	0.239
2003	35074	16455.810	16365.574	90.236	0.257	0.548	424.687	199.252	198.160	1.093
2004	33512	15694.580	15558.649	135.931	0.406	0.866	401.564	188.063	186.434	1.629
2005	35392	16549.102	16364.913	184.188	0.520	1.113	419.213	196.022	193.840	2.182
2006	33981	15926.096	15624.679	301.417	0.887	1.893	398.807	186.912	183.374	3.537
2007	34000	15778.477	15429.647	348.830	1.026	2.211	394.875	183.251	179.199	4.051
2008	37425	17438.838	17034.782	404.056	1.080	2.317	429.749	200.249	195.610	4.640
2009	36826	17214.158	16721.070	493.088	1.339	2.864	417.948	195.368	189.772	5.596

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294578.747	2058.486	0.319	0.694	408.132	187.528	186.227	1.301

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN6
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 11, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

****

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	137.00	5.08			
5	All Ages	Current MRTP	109.00	1.19					
5	All Ages	Current Dual	98.00	1.07					
5	All Ages	Former	2581.00	28.12			15.70	133.00	5.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	3.00	0.93			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	110.00	11.48			5.15	16.00	14.55
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	356.00	33.15	9.00	2.36			
5	30-34	Current MRTP	12.00	1.12					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	206.00	19.18			6.32	25.00	12.14
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	15.00	4.20			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	252.00	23.27			7.82	17.00	6.75
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	12.00	4.72			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	297.00	34.58			13.86	10.00	3.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	10.00	6.85			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	15.00	11.81			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	247.00	47.96			18.90	5.00	2.02
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	73.00	20.33	14.00	17.07			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	209.00	58.22			24.62	5.00	2.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2334.00	24.90	244.00	8.89			
10	All Ages	Current MRTP	239.00	2.55					
10	All Ages	Current Dual	172.00	1.83					
10	All Ages	Former	2547.00	27.17			17.66	140.00	5.50

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	10.00	1.12			2.90	4.00	40.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	244.00	26.67	5.00	1.57			
10	25-29	Current MRTP	35.00	3.83					
10	25-29	Current Dual	39.00	4.26					
10	25-29	Former	44.00	4.81			4.84	13.00	29.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	252.00	26.30	8.00	2.44			
10	30-34	Current MRTP	45.00	4.70					
10	30-34	Current Dual	31.00	3.24					
10	30-34	Former	147.00	15.34			7.75	18.00	12.24

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	325.00	30.26	22.00	5.96			
10	35-39	Current MRTP	26.00	2.42					
10	35-39	Current Dual	18.00	1.68					
10	35-39	Former	231.00	21.51			9.85	18.00	7.79

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	291.00	26.87	29.00	8.84			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	13.00	1.20					
10	40-44	Former	285.00	26.32			11.01	20.00	7.02

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	25.00	8.68			
10	45-49	Current MRTP	15.00	1.54					
10	45-49	Current Dual	9.00	0.92					
10	45-49	Former	283.00	29.09			15.93	12.00	4.24

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

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

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	30.00	12.15			
10	50-54	Current MRTP	17.00	1.98					
10	50-54	Current Dual	16.00	1.86					
10	50-54	Former	304.00	35.39			17.44	6.00	1.97
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	27.00	14.14			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	247.00	39.21			20.52	7.00	2.83
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	14.00	10.29			
10	60-64	Current MRTP	4.00	0.76					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	233.00	44.47			20.07	9.00	3.86
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	25.00	19.84			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	8.00	1.55					
10	65-69	Former	248.00	48.16			22.26	9.00	3.63
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	32.00	25.60			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	7.00	1.40					
10	70-74	Former	255.00	51.00			24.96	12.00	4.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	27.00	32.93			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	8.00	1.79					
10	75-79	Former	260.00	58.04			25.97	12.00	4.62
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2070.00	23.19	313.00	11.97			
15	All Ages	Current MRTP	334.00	3.74					
15	All Ages	Current Dual	210.00	2.35					
15	All Ages	Former	2457.00	27.52			19.20	132.00	5.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	45.00	5.02					
15	25-29	Current Dual	26.00	2.90					
15	25-29	Former	32.00	3.57			3.66	10.00	31.25
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	224.00	24.48	11.00	3.40			
15	30-34	Current MRTP	56.00	6.12					
15	30-34	Current Dual	44.00	4.81					
15	30-34	Former	71.00	7.76			6.32	14.00	19.72
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	230.00	24.01	18.00	5.64			
15	35-39	Current MRTP	53.00	5.53					
15	35-39	Current Dual	36.00	3.76					
15	35-39	Former	171.00	17.85			10.60	18.00	10.53
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	287.00	26.72	29.00	8.53			
15	40-44	Current MRTP	33.00	3.07					
15	40-44	Current Dual	20.00	1.86					
15	40-44	Former	262.00	24.39			12.69	16.00	6.11
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	263.00	24.28	42.00	13.50			
15	45-49	Current MRTP	30.00	2.77					
15	45-49	Current Dual	18.00	1.66					
15	45-49	Former	302.00	27.89			14.69	12.00	3.97
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	224.00	23.02	28.00	11.16			
15	50-54	Current MRTP	19.00	1.95					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	320.00	32.89			18.13	16.00	5.00
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	191.00	22.24	41.00	17.45			
15	55-59	Current MRTP	25.00	2.91					
15	55-59	Current Dual	19.00	2.21					
15	55-59	Former	316.00	36.79			20.81	16.00	5.06
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	33.00	18.03			
15	60-64	Current MRTP	22.00	3.49					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	255.00	40.48			23.36	11.00	4.31
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	121.00	23.09	29.00	21.01			
15	65-69	Current MRTP	7.00	1.34					
15	65-69	Current Dual	10.00	1.91					
15	65-69	Former	231.00	44.08			23.43	4.00	1.73
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	91.00	17.67	35.00	27.56			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	13.00	2.52					
15	70-74	Former	247.00	47.96			25.74	8.00	3.24
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	47.00	36.15			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	11.00	2.20					
15	75-79	Former	250.00	50.00			27.72	7.00	2.80
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1741.00	20.66	364.00	15.25			

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	395.00	4.69					
20	All Ages	Current Dual	251.00	2.98					
20	All Ages	Former	2364.00	28.05			20.44	122.00	5.16
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	174.00	19.42	2.00	0.75			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	40.00	4.46					
20	30-34	Former	54.00	6.03			5.85	12.00	22.22
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	196.00	21.42	13.00	4.17			
20	35-39	Current MRTP	65.00	7.10					
20	35-39	Current Dual	51.00	5.57					
20	35-39	Former	101.00	11.04			8.00	16.00	15.84
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	209.00	21.82	27.00	8.63			
20	40-44	Current MRTP	61.00	6.37					
20	40-44	Current Dual	43.00	4.49					
20	40-44	Former	186.00	19.42			13.76	8.00	4.30
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	262.00	24.39	38.00	11.88			
20	45-49	Current MRTP	40.00	3.72					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	282.00	26.26			15.75	17.00	6.03
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	227.00	20.96	54.00	18.82			
20	50-54	Current MRTP	41.00	3.79					
20	50-54	Current Dual	19.00	1.75					
20	50-54	Former	326.00	30.10			17.49	13.00	3.99
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	200.00	20.55	40.00	16.88			
20	55-59	Current MRTP	26.00	2.67					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	334.00	34.33			21.28	9.00	2.69
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	169.00	19.67	54.00	23.68			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 11 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	128.00	20.32	43.00	25.00			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	266.00	42.22			25.17	12.00	4.51

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	104.00	19.85	42.00	31.82			
20	70-74	Current MRTP	15.00	2.86					
20	70-74	Current Dual	13.00	2.48					
20	70-74	Former	237.00	45.23			26.06	11.00	4.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	72.00	13.98	51.00	42.86			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	21.00	4.08					
20	75-79	Former	255.00	49.51			27.04	11.00	4.31

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121974.820	168.898	0.055	0.138	4692.62	1857.47	1854.91	2.568
1993	311713	123269.216	122916.008	353.208	0.113	0.287	4656.77	1841.55	1836.28	5.277
1994	305700	120480.723	119985.345	495.379	0.162	0.411	4482.57	1766.64	1759.38	7.264
1995	303225	118666.569	117971.169	695.400	0.229	0.586	4361.58	1706.89	1696.89	10.003
1996	299559	116607.195	115713.862	893.333	0.298	0.766	4242.85	1651.58	1638.93	12.653
1997	294226	114665.051	113650.822	1014.229	0.345	0.885	4100.64	1598.09	1583.95	14.135
1998	289258	113038.380	111813.506	1224.874	0.423	1.084	3966.28	1549.97	1533.18	16.795
1999	311002	117067.463	115433.795	1633.667	0.525	1.395	4198.14	1580.27	1558.21	22.053
2000	303786	114977.407	113216.021	1761.386	0.580	1.532	4041.13	1529.49	1506.06	23.431
2001	296294	113047.319	111177.236	1870.083	0.631	1.654	3890.54	1484.39	1459.83	24.555
2002	291898	111744.742	109734.642	2010.100	0.689	1.799	3789.34	1450.64	1424.55	26.095
2003	285865	110551.854	108403.420	2148.434	0.752	1.943	3671.31	1419.80	1392.20	27.592
2004	274177	107418.262	105260.185	2158.077	0.787	2.009	3481.92	1364.16	1336.76	27.407
2005	272379	107678.770	105429.720	2249.050	0.826	2.089	3417.44	1351.01	1322.79	28.218
2006	264118	104357.806	102086.041	2271.766	0.860	2.177	3281.83	1296.71	1268.48	28.228
2007	258419	102690.449	100286.591	2403.858	0.930	2.341	3176.05	1262.10	1232.56	29.544
2008	259461	103492.166	100745.388	2746.778	1.059	2.654	3150.91	1256.82	1223.46	33.357
2009	253907	101384.044	98456.329	2927.714	1.153	2.888	3045.20	1215.94	1180.82	35.113

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2244165.649	29078.03	0.500	1.279	3927.78	1535.76	1516.11	19.645

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62499.612	35.735	0.046	0.057	1185.97	950.993	950.450	0.543
1993	78542	62883.111	62814.408	68.703	0.087	0.109	1173.36	939.428	938.402	1.026
1994	77437	61805.804	61706.200	99.604	0.129	0.161	1135.48	906.276	904.816	1.461
1995	76904	61145.799	61003.606	142.194	0.185	0.233	1106.18	879.519	877.473	2.045
1996	76232	60385.323	60201.302	184.020	0.241	0.305	1079.72	855.277	852.671	2.606
1997	75473	59549.806	59352.980	196.826	0.261	0.331	1051.87	829.947	827.204	2.743
1998	75381	59292.315	59017.990	274.325	0.364	0.463	1033.62	813.010	809.249	3.762
1999	73159	57398.351	57061.855	336.497	0.460	0.586	987.557	774.807	770.265	4.542
2000	73784	57716.549	57316.495	400.054	0.542	0.693	981.515	767.777	762.455	5.322
2001	73294	57211.877	56779.009	432.869	0.591	0.757	962.399	751.230	745.546	5.684
2002	72442	56438.810	55971.390	467.420	0.645	0.828	940.422	732.673	726.605	6.068
2003	71942	55948.341	55474.538	473.803	0.659	0.847	923.937	718.533	712.449	6.085
2004	71301	55339.218	54845.840	493.378	0.692	0.892	905.490	702.783	696.517	6.266
2005	70964	54964.459	54466.256	498.203	0.702	0.906	890.360	689.620	683.369	6.251
2006	69658	53781.526	53287.000	494.527	0.710	0.920	865.543	668.268	662.124	6.145
2007	68565	52784.985	52274.611	510.374	0.744	0.967	842.687	648.745	642.472	6.273
2008	68226	52470.692	51866.745	603.947	0.885	1.151	828.542	637.208	629.874	7.334
2009	67509	51823.021	51173.327	649.694	0.962	1.254	809.661	621.533	613.741	7.792

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

Age Group:All Year	Number 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	1153613.610	6374.919	0.432	0.550	997.213	783.665	779.358	4.307

****

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

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

Age Group:All Year	Number 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	622601.135	15755.54	0.526	2.468	2024.64	431.261	420.617	10.644

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.207	15.989	0.050	0.366	488.154	66.474	66.231	0.243
1993	32896	4414.136	4376.971	37.165	0.113	0.842	491.442	65.944	65.389	0.555
1994	33323	4474.895	4421.322	53.573	0.161	1.197	488.625	65.617	64.831	0.786
1995	33569	4476.290	4399.371	76.919	0.229	1.718	482.855	64.387	63.280	1.106
1996	33870	4489.078	4387.496	101.582	0.300	2.263	479.723	63.582	62.143	1.439
1997	33516	4444.866	4318.835	126.032	0.376	2.835	467.113	61.948	60.192	1.757
1998	32795	4313.427	4189.449	123.977	0.378	2.874	449.682	59.145	57.445	1.700
1999	33375	4232.739	4085.071	147.668	0.442	3.489	450.521	57.137	55.143	1.993
2000	33459	4307.577	4160.658	146.919	0.439	3.411	445.090	57.302	55.347	1.954
2001	32275	4136.308	3991.270	145.038	0.449	3.506	423.792	54.312	52.408	1.904
2002	31586	4079.175	3934.341	144.833	0.459	3.551	410.041	52.955	51.075	1.880
2003	30985	4096.221	3920.399	175.822	0.567	4.292	397.934	52.607	50.349	2.258
2004	29884	4034.217	3861.958	172.259	0.576	4.270	379.513	51.233	49.045	2.188
2005	28708	3944.303	3768.672	175.631	0.612	4.453	360.189	49.488	47.284	2.204
2006	28188	3970.169	3780.976	189.193	0.671	4.765	350.253	49.332	46.981	2.351
2007	28026	3957.558	3743.891	213.666	0.762	5.399	344.449	48.640	46.014	2.626
2008	27128	3812.302	3597.490	214.812	0.792	5.635	329.444	46.297	43.688	2.609
2009	27068	3827.467	3584.201	243.266	0.899	6.356	324.637	45.904	42.987	2.918

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81949.165	2508.338	0.399	2.970	424.421	57.058	55.363	1.695

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19354.722	18.602	0.055	0.096	516.166	294.616	294.333	0.283
1993	35913	20512.169	20477.368	34.800	0.097	0.170	536.514	306.437	305.917	0.520
1994	35074	19906.392	19855.649	50.744	0.145	0.255	514.300	291.893	291.149	0.744
1995	34669	19512.784	19437.040	75.744	0.218	0.388	498.677	280.671	279.582	1.089
1996	34582	19294.631	19191.237	103.394	0.299	0.536	489.808	273.283	271.818	1.464
1997	35267	19490.717	19381.875	108.842	0.309	0.558	491.517	271.643	270.126	1.517
1998	35675	19571.902	19393.930	177.972	0.499	0.909	489.172	268.368	265.928	2.440
1999	38516	21022.469	20768.831	253.637	0.659	1.207	519.919	283.777	280.354	3.424
2000	36283	19687.992	19391.116	296.875	0.818	1.508	482.656	261.900	257.951	3.949
2001	36281	19625.032	19298.323	326.709	0.900	1.665	476.394	257.690	253.400	4.290
2002	35983	19408.801	19043.953	364.847	1.014	1.880	467.122	251.960	247.223	4.736
2003	36205	19481.360	19133.613	347.747	0.960	1.785	464.974	250.195	245.729	4.466
2004	34611	18541.224	18198.897	342.328	0.989	1.846	439.544	235.465	231.118	4.347
2005	36826	19692.114	19324.014	368.100	1.000	1.869	462.043	247.070	242.452	4.618
2006	34350	18220.663	17892.527	328.136	0.955	1.801	426.820	226.403	222.326	4.077
2007	35326	18620.282	18289.241	331.040	0.937	1.778	434.168	228.849	224.781	4.069
2008	38248	20183.701	19736.007	447.694	1.171	2.218	464.487	245.112	239.676	5.437
2009	36902	19371.930	18916.576	455.353	1.234	2.351	442.580	232.335	226.874	5.461

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	386001.739	4439.235	0.623	1.137	481.512	263.774	260.775	2.999

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN6
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 12, Scenario: STP_NULL

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

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

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 12, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN6

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	117.00	5.28			
5	All Ages	Current MRTP	116.00	1.28					
5	All Ages	Current Dual	76.00	0.84					
5	All Ages	Former	1980.00	21.81			14.87	111.00	5.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.00	2.00	100.00

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

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	10.00	4.18			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	135.00	16.25			5.44	13.00	9.63
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.33			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	10.00	1.00					
5	30-34	Former	183.00	18.32			7.72	14.00	7.65
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	11.00	3.30			
5	35-39	Current MRTP	22.00	1.96					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	239.00	21.30			8.50	14.00	5.86
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	252.00	25.98			11.56	15.00	5.95
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	9.00	4.81			
5	45-49	Current MRTP	6.00	0.74					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	202.00	24.91			11.30	14.00	6.93
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	7.00	5.43			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.16	6.00	3.90
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	13.00	11.40			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	162.00	30.22			21.57	7.00	4.32
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	12.00	20.34			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.01	2.00	1.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	198.00	8.70			
10	All Ages	Current MRTP	222.00	2.44					
10	All Ages	Current Dual	160.00	1.76					
10	All Ages	Former	1964.00	21.56			16.59	97.00	4.94

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	18.00	2.21					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	8.00	0.98			3.88	2.00	25.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.84			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	30.00	3.55					
10	25-29	Former	45.00	5.33			4.87	11.00	24.44

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	185.00	22.26	15.00	6.05			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	32.00	3.85					
10	30-34	Former	160.00	19.25			8.75	13.00	8.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	257.00	25.73	27.00	8.68			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	25.00	2.50					
10	35-39	Former	195.00	19.52			11.22	7.00	3.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	265.00	23.62	22.00	7.01			
10	40-44	Current MRTP	32.00	2.85					
10	40-44	Current Dual	17.00	1.52					
10	40-44	Former	268.00	23.89			11.64	15.00	5.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	189.00	19.48	21.00	9.77			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	266.00	27.42			15.21	11.00	4.14

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

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

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	20.00	11.24			
10	50-54	Current MRTP	14.00	1.73					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	211.00	26.02			14.79	10.00	4.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	16.00	11.03			
10	55-59	Current MRTP	11.00	1.77					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	175.00	28.18			18.49	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	11.00	8.87			
10	60-64	Current MRTP	6.00	1.12					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	159.00	29.72			18.99	3.00	1.89
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	92.00	18.85	12.00	11.88			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	137.00	28.07			24.10	2.00	1.46
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	18.00	17.14			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	7.00	1.31					
10	70-74	Former	171.00	31.90			24.25	9.00	5.26
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	31.00	34.44			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	8.00	1.48					
10	75-79	Former	169.00	31.35			28.16	8.00	4.73
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1637.00	19.10	248.00	11.65			
15	All Ages	Current MRTP	289.00	3.37					
15	All Ages	Current Dual	203.00	2.37					
15	All Ages	Former	1978.00	23.08			17.83	115.00	5.81
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	150.00	18.45	1.00	0.45			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	23.00	2.83			3.74	11.00	47.83
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	196.00	23.22	8.00	2.74			
15	30-34	Current MRTP	52.00	6.16					
15	30-34	Current Dual	44.00	5.21					
15	30-34	Former	70.00	8.29			6.50	14.00	20.00
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	163.00	19.61	25.00	10.64			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	35.00	4.21					
15	35-39	Former	187.00	22.50			11.59	8.00	4.28
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	226.00	22.62	36.00	12.24			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	32.00	3.20					
15	40-44	Former	216.00	21.62			14.18	10.00	4.63
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	231.00	20.59	30.00	10.27			
15	45-49	Current MRTP	40.00	3.57					
15	45-49	Current Dual	21.00	1.87					
15	45-49	Former	290.00	25.85			14.94	12.00	4.14
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	165.00	17.01	31.00	15.66			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	283.00	29.18			18.18	14.00	4.95
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	143.00	17.63	26.00	15.85			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	225.00	27.74			17.80	12.00	5.33
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	19.00	14.96			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	193.00	31.08			20.61	10.00	5.18
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	24.00	20.69			
15	65-69	Current MRTP	10.00	1.87					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	77.00	15.78	18.00	19.78			
15	70-74	Current MRTP	10.00	2.05					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	147.00	30.12			25.52	5.00	3.40
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	74.00	13.81	30.00	30.30			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	10.00	1.87					
15	75-79	Former	177.00	33.02			26.24	12.00	6.78
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1394.00	17.35	279.00	14.37			

Results for PHIM for Run 12 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.28			
20	30-34	Current MRTP	54.00	6.64					
20	30-34	Current Dual	36.00	4.43					
20	30-34	Former	42.00	5.17			5.64	8.00	19.05

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	169.00	20.02	12.00	4.32			
20	35-39	Current MRTP	61.00	7.23					
20	35-39	Current Dual	48.00	5.69					
20	35-39	Former	100.00	11.85			8.10	18.00	18.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	143.00	17.21	30.00	13.39			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	41.00	4.93					
20	40-44	Former	208.00	25.03			14.70	5.00	2.40

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	208.00	20.82	41.00	14.64			
20	45-49	Current MRTP	39.00	3.90					
20	45-49	Current Dual	33.00	3.30					
20	45-49	Former	230.00	23.02			17.32	6.00	2.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	203.00	18.09	39.00	14.34			
20	50-54	Current MRTP	44.00	3.92					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	310.00	27.63			17.88	13.00	4.19

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	149.00	15.36	36.00	19.67			
20	55-59	Current MRTP	20.00	2.06					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	298.00	30.72			21.08	9.00	3.02

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	37.00	23.57			
20	60-64	Current MRTP	27.00	3.33					

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	27.00	22.13			
20	65-69	Current MRTP	15.00	2.42					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	198.00	31.88			23.88	5.00	2.53

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	28.00	26.17			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	176.00	32.90			24.77	8.00	4.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	67.00	13.73	26.00	30.95			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	154.00	31.56			26.59	11.00	7.14

****

Main Results for E-Component Summarized over Simulations for Run: 12

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60199.074	27.068	0.014	0.045	2778.64	842.922	842.543	0.379
1993	202512	62332.320	62279.362	52.958	0.026	0.085	2793.47	859.818	859.087	0.731
1994	200658	62691.239	62622.144	69.095	0.034	0.110	2725.82	851.622	850.684	0.939
1995	201023	63132.954	63026.694	106.261	0.053	0.168	2687.54	844.043	842.623	1.421
1996	201180	64309.880	64278.205	31.676	0.016	0.049	2653.67	848.280	847.862	0.418
1997	198639	64547.894	64491.262	56.632	0.029	0.088	2583.39	839.475	838.738	0.737
1998	197573	65384.866	65269.059	115.807	0.059	0.177	2533.29	838.367	836.882	1.485
1999	211329	67554.762	67336.542	218.219	0.103	0.323	2673.14	854.513	851.753	2.760
2000	208496	68184.366	67916.692	267.674	0.128	0.393	2604.20	851.652	848.308	3.343
2001	203606	68286.060	67855.803	430.257	0.211	0.630	2514.65	843.372	838.058	5.314
2002	200828	68983.996	68557.388	426.608	0.212	0.618	2455.47	843.450	838.234	5.216
2003	196352	68717.830	68104.169	613.661	0.313	0.893	2377.49	832.057	824.627	7.430
2004	188160	67344.952	66492.073	852.878	0.453	1.266	2254.66	806.974	796.754	10.220
2005	186416	67846.650	66841.576	1005.074	0.539	1.481	2208.07	803.634	791.729	11.905
2006	180088	66622.465	65186.149	1436.316	0.798	2.156	2113.55	781.893	765.037	16.857
2007	175644	65977.201	64301.797	1675.404	0.954	2.539	2039.92	766.256	746.798	19.458
2008	177570	67121.344	65318.610	1802.734	1.015	2.686	2039.03	770.751	750.050	20.701
2009	172806	66622.993	64533.762	2089.231	1.209	3.136	1961.22	756.123	732.411	23.711

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1291020.286	11296.08	0.290	0.867	2465.77	823.300	816.159	7.141

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.966	6.480	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33456.061	11.674	0.025	0.035	638.542	461.657	461.496	0.161
1994	47017	33989.389	33976.659	12.730	0.027	0.037	638.697	461.725	461.552	0.173
1995	47840	34566.580	34544.819	21.761	0.045	0.063	639.587	462.131	461.840	0.291
1996	48244	34997.958	35006.264	-8.307	-0.017	-0.024	636.363	461.641	461.750	-0.110
1997	49035	35549.658	35548.375	1.283	0.003	0.004	637.723	462.340	462.323	0.017
1998	49686	36138.033	36129.429	8.604	0.017	0.024	637.076	463.363	463.253	0.110
1999	48883	35506.142	35481.874	24.268	0.050	0.068	618.331	449.124	448.817	0.307
2000	50331	36573.306	36530.806	42.500	0.084	0.116	628.656	456.816	456.285	0.531
2001	50389	36733.445	36653.321	80.125	0.159	0.218	622.333	453.679	452.690	0.990
2002	51445	37627.700	37539.942	87.758	0.171	0.233	629.005	460.065	458.992	1.073
2003	51408	37552.784	37399.969	152.815	0.297	0.407	622.464	454.701	452.851	1.850
2004	51399	37527.823	37301.403	226.420	0.441	0.603	615.898	449.684	446.971	2.713
2005	51421	37486.186	37224.388	261.798	0.509	0.698	609.074	444.018	440.917	3.101
2006	51355	37409.496	36987.324	422.172	0.822	1.129	602.712	439.045	434.090	4.955
2007	51839	37602.867	37099.030	503.837	0.972	1.340	602.056	436.718	430.867	5.852
2008	50976	36986.957	36467.432	519.524	1.019	1.405	585.355	424.719	418.754	5.966
2009	51193	37201.944	36566.378	635.566	1.242	1.708	581.003	422.215	415.002	7.213

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

Age Group:All		Null	MRTP			%Drop		Null	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	708887.632	3017.207	0.308	0.424	619.890	450.053	448.145	1.907

****

Main Results for E-Component Summarized over Simulations for Run: 12

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12326.022	11.973	0.013	0.097	1311.71	172.682	172.514	0.168
1993	93679	12401.934	12375.898	26.036	0.028	0.210	1292.22	171.073	170.714	0.359
1994	90832	12128.576	12089.768	38.808	0.043	0.320	1233.90	164.759	164.232	0.527
1995	89698	11958.696	11904.536	54.160	0.060	0.453	1199.20	159.879	159.155	0.724
1996	88286	12020.749	11974.997	45.752	0.052	0.381	1164.54	158.560	157.956	0.603
1997	84777	11593.724	11534.263	59.460	0.070	0.513	1102.56	150.782	150.008	0.773
1998	82517	11337.035	11240.601	96.434	0.117	0.851	1058.04	145.364	144.127	1.236
1999	93939	13027.458	12862.165	165.292	0.176	1.269	1188.25	164.787	162.696	2.091
2000	90039	12607.547	12438.599	168.949	0.188	1.340	1124.63	157.474	155.363	2.110
2001	86119	12350.451	12099.269	251.181	0.292	2.034	1063.62	152.535	149.433	3.102
2002	83014	12112.097	11852.703	259.394	0.312	2.142	1014.99	148.092	144.920	3.172
2003	79302	11683.252	11377.265	305.987	0.386	2.619	960.214	141.465	137.760	3.705
2004	73861	11139.095	10744.090	395.005	0.535	3.546	885.053	133.476	128.743	4.733
2005	71649	10884.683	10435.295	449.388	0.627	4.129	848.672	128.927	123.605	5.323
2006	67551	10397.565	9838.659	558.905	0.827	5.375	792.791	122.028	115.468	6.559
2007	63503	9785.831	9139.797	646.034	1.017	6.602	737.521	113.652	106.149	7.503
2008	63171	9922.524	9225.112	697.412	1.104	7.029	725.389	113.940	105.931	8.008
2009	59747	9483.598	8726.597	757.001	1.267	7.982	678.085	107.632	99.041	8.591

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

Age Group:All		Null	MRTP			%Drop		Null	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	227490.999	4991.551	0.302	2.147	1043.56	146.971	143.816	3.156

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.249	4.199	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3107.606	6.910	0.021	0.222	452.005	42.962	42.867	0.095
1994	33005	3168.398	3157.468	10.930	0.033	0.345	448.353	43.041	42.892	0.148
1995	33730	3200.274	3184.007	16.268	0.048	0.508	450.946	42.785	42.568	0.217
1996	33750	3234.738	3218.341	16.397	0.049	0.507	445.180	42.668	42.452	0.216
1997	33699	3240.665	3228.857	11.807	0.035	0.364	438.271	42.146	41.993	0.154
1998	33274	3171.578	3144.865	26.713	0.080	0.842	426.640	40.666	40.324	0.343
1999	33891	3153.786	3110.398	43.389	0.128	1.376	428.694	39.893	39.344	0.549
2000	33827	3237.043	3182.672	54.371	0.161	1.680	422.514	40.432	39.753	0.679
2001	32506	3110.972	3028.553	82.419	0.254	2.649	401.468	38.422	37.404	1.018
2002	32078	3123.298	3036.616	86.682	0.270	2.775	392.210	38.188	37.128	1.060
2003	30568	3025.984	2929.182	96.802	0.317	3.199	370.127	36.640	35.467	1.172
2004	29388	2983.453	2853.868	129.585	0.441	4.343	352.147	35.750	34.197	1.553
2005	27954	2926.679	2774.503	152.176	0.544	5.200	331.111	34.666	32.864	1.803
2006	27201	2889.308	2703.645	185.663	0.683	6.426	319.236	33.909	31.730	2.179
2007	26302	2810.025	2591.863	218.162	0.829	7.764	305.470	32.636	30.102	2.534
2008	25998	2773.025	2544.820	228.205	0.878	8.229	298.534	31.843	29.222	2.620
2009	25040	2723.293	2468.507	254.786	1.018	9.356	284.186	30.907	28.016	2.892

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59663.842	1627.901	0.261	2.656	394.195	38.747	37.718	1.029

****

Main Results for E-Component Summarized over Simulations for Run: 12

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.836	4.416	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13339.797	8.337	0.028	0.062	410.705	184.125	184.010	0.115
1994	29804	13404.876	13398.249	6.627	0.022	0.049	404.869	182.097	182.007	0.090
1995	29755	13407.404	13393.332	14.072	0.047	0.105	397.803	179.248	179.059	0.188
1996	30900	14056.435	14078.602	-22.167	-0.072	-0.158	407.587	185.412	185.704	-0.292
1997	31128	14163.848	14179.767	-15.919	-0.051	-0.112	404.834	184.207	184.414	-0.207
1998	32096	14738.220	14754.164	-15.944	-0.050	-0.108	411.536	188.974	189.178	-0.204
1999	34616	15867.376	15882.105	-14.729	-0.043	-0.093	437.865	200.710	200.896	-0.186
2000	34299	15766.470	15764.615	1.855	0.005	0.012	428.409	196.930	196.907	0.023
2001	34592	16091.193	16074.660	16.532	0.048	0.103	427.231	198.736	198.531	0.204
2002	34291	16120.902	16128.128	-7.226	-0.021	-0.045	419.268	197.106	197.195	-0.088
2003	35074	16455.810	16397.753	58.057	0.166	0.353	424.687	199.252	198.549	0.703
2004	33512	15694.580	15592.712	101.868	0.304	0.649	401.564	188.063	186.843	1.221
2005	35392	16549.102	16407.390	141.712	0.400	0.856	419.213	196.022	194.343	1.679
2006	33981	15926.096	15656.521	269.575	0.793	1.693	398.807	186.912	183.748	3.164
2007	34000	15778.477	15471.107	307.370	0.904	1.948	394.875	183.251	179.681	3.570
2008	37425	17438.838	17081.245	357.593	0.955	2.051	429.749	200.249	196.143	4.106
2009	36826	17214.158	16772.280	441.878	1.200	2.567	417.948	195.368	190.353	5.015

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294977.813	1659.420	0.257	0.559	408.132	187.528	186.479	1.049

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN7
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 13, Scenario: STP_NULL

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

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

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	RUN7

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2492.00	27.15	125.00	4.66			
5	All Ages	Current MRTP	97.00	1.06					
5	All Ages	Current Dual	92.00	1.00					
5	All Ages	Former	2596.00	28.29			15.61	144.00	5.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	1.00	0.32			
5	25-29	Current MRTP	17.00	1.77					
5	25-29	Current Dual	17.00	1.77					
5	25-29	Former	116.00	12.11			4.90	22.00	18.97
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	357.00	33.24	8.00	2.11			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	11.00	1.02					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	13.00	3.66			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
5	35-39	Former	254.00	23.45			7.76	19.00	7.48
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	237.00	27.59	11.00	4.33			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	297.00	34.58			13.87	9.00	3.03
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	9.00	6.16			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	223.00	42.56			16.88	13.00	5.83
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	17.00	19.32			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	254.00	56.70			23.01	9.00	3.54

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	74.00	20.61	12.00	15.00			
5	75-79	Current MRTP	3.00	0.84					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	211.00	58.77			24.42	5.00	2.37

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2341.00	24.97	200.00	7.49			
10	All Ages	Current MRTP	197.00	2.10					
10	All Ages	Current Dual	134.00	1.43					
10	All Ages	Former	2620.00	27.95			17.23	172.00	6.56

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	13.00	1.45			2.62	5.00	38.46

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	245.00	26.78	5.00	1.61			
10	25-29	Current MRTP	32.00	3.50					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	52.00	5.68			4.37	18.00	34.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	255.00	26.62	5.00	1.57			
10	30-34	Current MRTP	35.00	3.65					
10	30-34	Current Dual	29.00	3.03					
10	30-34	Former	156.00	16.28			7.52	20.00	12.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	328.00	30.54	19.00	5.23			
10	35-39	Current MRTP	22.00	2.05					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	237.00	22.07			9.70	19.00	8.02

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	21.00	7.39			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	287.00	29.50			15.72	15.00	5.23

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	215.00	25.03	27.00	11.11			
10	50-54	Current MRTP	15.00	1.75					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	308.00	35.86			17.24	7.00	2.27
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	23.00	12.37			
10	55-59	Current MRTP	11.00	1.75					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	252.00	40.00			20.13	12.00	4.76
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	12.00	8.89			
10	60-64	Current MRTP	2.00	0.38					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	234.00	44.66			20.00	9.00	3.85
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	18.00	15.52			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	258.00	50.10			21.48	13.00	5.04
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	29.00	23.77			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	258.00	51.60			24.69	14.00	5.43
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	18.00	24.66			
10	75-79	Current MRTP	10.00	2.23					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	269.00	60.04			25.18	14.00	5.20
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2090.00	23.41	256.00	10.26			
15	All Ages	Current MRTP	247.00	2.77					
15	All Ages	Current Dual	159.00	1.78					
15	All Ages	Former	2575.00	28.85			18.53	159.00	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	608.00	67.86					
15	25-29	Current CC	186.00	20.76	0.00	0.00			
15	25-29	Current MRTP	41.00	4.58					
15	25-29	Current Dual	22.00	2.46					
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	520.00	56.83					

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	228.00	24.92	9.00	2.95			
15	30-34	Current MRTP	44.00	4.81					
15	30-34	Current Dual	33.00	3.61					
15	30-34	Former	90.00	9.84			5.74	21.00	23.33
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	234.00	24.43	13.00	4.32			
15	35-39	Current MRTP	35.00	3.65					
15	35-39	Current Dual	32.00	3.34					
15	35-39	Former	189.00	19.73			10.06	21.00	11.11
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	472.00	43.95					
15	40-44	Current CC	290.00	27.00	26.00	7.85			
15	40-44	Current MRTP	27.00	2.51					
15	40-44	Current Dual	14.00	1.30					
15	40-44	Former	271.00	25.23			12.46	17.00	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	470.00	43.40					
15	45-49	Current CC	265.00	24.47	32.00	10.77			
15	45-49	Current MRTP	22.00	2.03					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	316.00	29.18			14.25	14.00	4.43
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	224.00	23.02	28.00	11.20			
15	50-54	Current MRTP	18.00	1.85					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	321.00	32.99			18.12	15.00	4.67
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	193.00	22.47	31.00	14.03			
15	55-59	Current MRTP	16.00	1.86					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	330.00	38.42			20.09	19.00	5.76
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	31.00	17.71			
15	60-64	Current MRTP	15.00	2.38					
15	60-64	Current Dual	4.00	0.63					
15	60-64	Former	263.00	41.75			22.78	12.00	4.56
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	124.00	23.66	28.00	20.44			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	10.00	1.91					
15	65-69	Former	232.00	44.27			23.36	5.00	2.16
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	92.00	17.86	22.00	19.82			
15	70-74	Current MRTP	12.00	2.33					
15	70-74	Current Dual	7.00	1.36					
15	70-74	Former	263.00	51.07			24.49	11.00	4.18
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	36.00	30.25			
15	75-79	Current MRTP	14.00	2.80					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	261.00	52.20			26.68	11.00	4.21
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1768.00	20.98	284.00	12.96			

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	254.00	3.01					
20	All Ages	Current Dual	169.00	2.01					
20	All Ages	Former	2560.00	30.38			19.32	163.00	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	575.00	64.17					
20	30-34	Current CC	176.00	19.64	3.00	1.22			
20	30-34	Current MRTP	42.00	4.69					
20	30-34	Current Dual	28.00	3.13					
20	30-34	Former	75.00	8.37			5.41	17.00	22.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	203.00	22.19	15.00	5.28			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	33.00	3.61					
20	35-39	Former	129.00	14.10			7.54	21.00	16.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	213.00	22.23	21.00	7.47			
20	40-44	Current MRTP	34.00	3.55					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	218.00	22.76			12.69	14.00	6.42

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	269.00	25.05	33.00	10.65			
20	45-49	Current MRTP	27.00	2.51					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	292.00	27.19			15.49	19.00	6.51

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	228.00	21.05	41.00	15.47			
20	50-54	Current MRTP	30.00	2.77					
20	50-54	Current Dual	7.00	0.65					
20	50-54	Former	348.00	32.13			16.80	17.00	4.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	201.00	20.66	33.00	14.67			
20	55-59	Current MRTP	15.00	1.54					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	346.00	35.56			20.65	16.00	4.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	170.00	19.79	39.00	18.93			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 13 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	15.00	1.75					
20	60-64	Former	345.00	40.16			22.47	15.00	4.35

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	129.00	20.48	36.00	22.78			
20	65-69	Current MRTP	19.00	3.02					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.22	15.00	5.36

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	106.00	20.23	34.00	27.64			
20	70-74	Current MRTP	10.00	1.91					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	246.00	46.95			25.24	12.00	4.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	73.00	14.17	29.00	31.18			
20	75-79	Current MRTP	8.00	1.55					
20	75-79	Current Dual	12.00	2.33					
20	75-79	Former	281.00	54.56			25.14	17.00	6.05

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121972.367	171.351	0.056	0.140	4692.62	1857.47	1854.87	2.606
1993	311713	123269.216	122913.804	355.412	0.114	0.288	4656.77	1841.55	1836.24	5.310
1994	305700	120480.723	119982.973	497.751	0.163	0.413	4482.57	1766.64	1759.34	7.299
1995	303225	118666.569	117970.582	695.987	0.230	0.587	4361.58	1706.89	1696.88	10.011
1996	299559	116607.195	115703.966	903.228	0.302	0.775	4242.85	1651.58	1638.79	12.793
1997	294226	114665.051	113637.169	1027.882	0.349	0.896	4100.64	1598.09	1583.76	14.326
1998	289258	113038.380	111777.944	1260.436	0.436	1.115	3966.28	1549.97	1532.69	17.283
1999	311002	117067.463	115365.536	1701.926	0.547	1.454	4198.14	1580.27	1557.29	22.974
2000	303786	114977.407	113121.352	1856.055	0.611	1.614	4041.13	1529.49	1504.80	24.690
2001	296294	113047.319	111044.770	2002.549	0.676	1.771	3890.54	1484.39	1458.09	26.295
2002	291898	111744.742	109574.538	2170.204	0.743	1.942	3789.34	1450.64	1422.47	28.173
2003	285865	110551.854	108208.488	2343.366	0.820	2.120	3671.31	1419.80	1389.70	30.095
2004	274177	107418.262	105052.233	2366.029	0.863	2.203	3481.92	1364.16	1334.12	30.047
2005	272379	107678.770	105226.500	2452.270	0.900	2.277	3417.44	1351.01	1320.24	30.768
2006	264118	104357.806	101869.903	2487.903	0.942	2.384	3281.83	1296.71	1265.80	30.914
2007	258419	102690.449	100056.900	2633.549	1.019	2.565	3176.05	1262.10	1229.73	32.367
2008	259461	103492.166	100504.907	2987.260	1.151	2.886	3150.91	1256.82	1220.54	36.278
2009	253907	101384.044	98195.787	3188.257	1.256	3.145	3045.20	1215.94	1177.70	38.238

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	2242090.467	31153.21	0.536	1.370	3927.78	1535.76	1514.71	21.046

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62499.327	36.020	0.046	0.058	1185.97	950.993	950.445	0.548
1993	78542	62883.111	62814.293	68.818	0.088	0.109	1173.36	939.428	938.400	1.028
1994	77437	61805.804	61706.146	99.658	0.129	0.161	1135.48	906.276	904.815	1.461
1995	76904	61145.799	61003.519	142.281	0.185	0.233	1106.18	879.519	877.472	2.047
1996	76232	60385.323	60198.498	186.825	0.245	0.309	1079.72	855.277	852.631	2.646
1997	75473	59549.806	59349.699	200.106	0.265	0.336	1051.87	829.947	827.158	2.789
1998	75381	59292.315	59009.856	282.459	0.375	0.476	1033.62	813.010	809.137	3.873
1999	73159	57398.351	57048.287	350.065	0.478	0.610	987.557	774.807	770.082	4.725
2000	73784	57716.549	57295.642	420.906	0.570	0.729	981.515	767.777	762.178	5.599
2001	73294	57211.877	56749.595	462.283	0.631	0.808	962.399	751.230	745.160	6.070
2002	72442	56438.810	55935.294	503.516	0.695	0.892	940.422	732.673	726.137	6.537
2003	71942	55948.341	55429.933	518.408	0.721	0.927	923.937	718.533	711.876	6.658
2004	71301	55339.218	54798.305	540.913	0.759	0.977	905.490	702.783	695.914	6.869
2005	70964	54964.459	54421.588	542.871	0.765	0.988	890.360	689.620	682.808	6.811
2006	69658	53781.526	53237.925	543.601	0.780	1.011	865.543	668.268	661.514	6.755
2007	68565	52784.985	52220.392	564.593	0.823	1.070	842.687	648.745	641.806	6.939
2008	68226	52470.692	51812.201	658.491	0.965	1.255	828.542	637.208	629.211	7.997
2009	67509	51823.021	51112.484	710.537	1.053	1.371	809.661	621.533	613.012	8.522

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	1153143.430	6845.099	0.464	0.590	997.213	783.665	779.041	4.624

****

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	37039.000	28.385	0.017	0.077	2599.72	573.449	573.010	0.439
1992	164548	35863.851	35763.501	100.350	0.061	0.280	2502.33	545.392	543.866	1.526
1993	164362	35459.800	35245.296	214.504	0.131	0.605	2455.45	529.744	526.539	3.205
1994	159866	34293.631	33999.901	293.730	0.184	0.857	2344.16	502.857	498.550	4.307
1995	158083	33531.695	33130.782	400.912	0.254	1.196	2273.86	482.318	476.552	5.767
1996	154875	32438.163	31929.872	508.291	0.328	1.567	2193.60	459.443	452.244	7.199
1997	149970	31179.663	30589.833	589.830	0.393	1.892	2090.14	434.552	426.331	8.220
1998	145407	29860.736	29193.850	666.887	0.459	2.233	1993.81	409.447	400.303	9.144
1999	165952	34413.904	33479.578	934.326	0.563	2.715	2240.15	464.545	451.933	12.612
2000	160260	33265.290	32296.562	968.728	0.604	2.912	2131.87	442.513	429.626	12.887
2001	154444	32074.102	31038.418	1035.684	0.671	3.229	2027.95	421.154	407.555	13.599
2002	151887	31817.956	30700.389	1117.568	0.736	3.512	1971.76	413.052	398.544	14.508
2003	146733	31025.931	29773.628	1252.303	0.853	4.036	1884.46	398.460	382.377	16.083
2004	138381	29503.602	28243.506	1260.096	0.911	4.271	1757.38	374.682	358.680	16.003
2005	135881	29077.894	27761.446	1316.448	0.969	4.527	1704.85	364.830	348.313	16.517
2006	131922	28385.448	27011.182	1374.266	1.042	4.841	1639.21	352.707	335.630	17.076
2007	126502	27327.625	25861.787	1465.838	1.159	5.364	1554.75	335.866	317.850	18.016
2008	125859	27025.472	25419.098	1606.374	1.276	5.944	1528.44	328.199	308.691	19.508
2009	122428	26361.626	24646.327	1715.299	1.401	6.507	1468.33	316.165	295.593	20.572

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	621506.854	16849.82	0.562	2.640	2024.64	431.261	419.878	11.383

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.024	16.172	0.050	0.370	488.154	66.474	66.228	0.246
1993	32896	4414.136	4376.750	37.386	0.114	0.847	491.442	65.944	65.385	0.559
1994	33323	4474.895	4420.996	53.900	0.162	1.204	488.625	65.617	64.826	0.790
1995	33569	4476.290	4399.025	77.265	0.230	1.726	482.855	64.387	63.275	1.111
1996	33870	4489.078	4386.441	102.637	0.303	2.286	479.723	63.582	62.128	1.454
1997	33516	4444.866	4317.453	127.413	0.380	2.867	467.113	61.948	60.172	1.776
1998	32795	4313.427	4185.714	127.713	0.389	2.961	449.682	59.145	57.394	1.751
1999	33375	4232.739	4079.069	153.670	0.460	3.631	450.521	57.137	55.062	2.074
2000	33459	4307.577	4152.902	154.675	0.462	3.591	445.090	57.302	55.244	2.058
2001	32275	4136.308	3980.097	156.211	0.484	3.777	423.792	54.312	52.261	2.051
2002	31586	4079.175	3920.744	158.430	0.502	3.884	410.041	52.955	50.898	2.057
2003	30985	4096.221	3904.476	191.745	0.619	4.681	397.934	52.607	50.144	2.463
2004	29884	4034.217	3844.964	189.253	0.633	4.691	379.513	51.233	48.829	2.403
2005	28708	3944.303	3751.463	192.840	0.672	4.889	360.189	49.488	47.068	2.419
2006	28188	3970.169	3762.569	207.601	0.736	5.229	350.253	49.332	46.752	2.580
2007	28026	3957.558	3723.877	233.681	0.834	5.905	344.449	48.640	45.768	2.872
2008	27128	3812.302	3577.202	235.100	0.867	6.167	329.444	46.297	43.442	2.855
2009	27068	3827.467	3561.719	265.748	0.982	6.943	324.637	45.904	42.717	3.187

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81772.070	2685.433	0.427	3.180	424.421	57.058	55.244	1.814

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19354.515	18.809	0.055	0.097	516.166	294.616	294.330	0.286
1993	35913	20512.169	20477.465	34.704	0.097	0.169	536.514	306.437	305.918	0.518
1994	35074	19906.392	19855.930	50.462	0.144	0.253	514.300	291.893	291.153	0.740
1995	34669	19512.784	19437.256	75.528	0.218	0.387	498.677	280.671	279.585	1.086
1996	34582	19294.631	19189.155	105.475	0.305	0.547	489.808	273.283	271.789	1.494
1997	35267	19490.717	19380.184	110.533	0.313	0.567	491.517	271.643	270.102	1.541
1998	35675	19571.902	19388.525	183.377	0.514	0.937	489.172	268.368	265.853	2.514
1999	38516	21022.469	20758.603	263.866	0.685	1.255	519.919	283.777	280.216	3.562
2000	36283	19687.992	19376.246	311.746	0.859	1.583	482.656	261.900	257.753	4.147
2001	36281	19625.032	19276.660	348.372	0.960	1.775	476.394	257.690	253.115	4.574
2002	35983	19408.801	19018.111	390.690	1.086	2.013	467.122	251.960	246.888	5.072
2003	36205	19481.360	19100.450	380.910	1.052	1.955	464.974	250.195	245.303	4.892
2004	34611	18541.224	18165.458	375.767	1.086	2.027	439.544	235.465	230.693	4.772
2005	36826	19692.114	19292.003	400.111	1.086	2.032	462.043	247.070	242.050	5.020
2006	34350	18220.663	17858.227	362.436	1.055	1.989	426.820	226.403	221.899	4.503
2007	35326	18620.282	18250.844	369.437	1.046	1.984	434.168	228.849	224.309	4.541
2008	38248	20183.701	19696.405	487.295	1.274	2.414	464.487	245.112	239.195	5.918
2009	36902	19371.930	18875.256	496.673	1.346	2.564	442.580	232.335	226.378	5.957

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

Age Group:All		Null	MRTP			%Drop		Null	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	385668.112	4772.862	0.670	1.222	481.512	263.774	260.550	3.224

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN7
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 14, Scenario: STP_NULL

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

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

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 14, Scenario: STP_MRTP

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

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2027.00	22.32	102.00	4.64			
5	All Ages	Current MRTP	102.00	1.12					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1999.00	22.02			14.74	123.00	6.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	3.00	1.01			1.33	2.00	66.67

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

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	8.00	3.39			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	13.00	1.56					
5	25-29	Former	138.00	16.61			5.35	15.00	10.87
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	281.00	28.13	13.00	4.33			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	183.00	18.32			7.72	14.00	7.65
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	8.00	2.43			
5	35-39	Current MRTP	19.00	1.69					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	243.00	21.66			8.37	17.00	7.00
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.91			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	251.00	25.88			11.60	14.00	5.58
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	8.00	4.32			
5	45-49	Current MRTP	4.00	0.49					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.20	16.00	7.84
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	8.00	5.23			
5	50-54	Current MRTP	5.00	0.81					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	167.00	26.89			15.27	11.00	6.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	6.00	4.72			
5	55-59	Current MRTP	2.00	0.37					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	156.00	29.16			14.98	7.00	4.49
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	11.00	18.97			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	161.00	33.13			27.84	3.00	1.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1901.00	20.87	172.00	7.79			
10	All Ages	Current MRTP	179.00	1.97					
10	All Ages	Current Dual	129.00	1.42					
10	All Ages	Former	2031.00	22.30			16.13	125.00	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	632.00	77.74					
10	20-24	Current CC	143.00	17.59	0.00	0.00			
10	20-24	Current MRTP	13.00	1.60					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	13.00	1.60			3.46	4.00	30.77

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.88			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	51.00	6.04			4.37	17.00	33.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	188.00	22.62	14.00	5.96			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	25.00	3.01					
10	30-34	Former	173.00	20.82			8.25	20.00	11.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	258.00	25.83	24.00	7.95			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	204.00	20.42			10.81	10.00	4.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	265.00	23.62	19.00	6.19			
10	40-44	Current MRTP	28.00	2.50					
10	40-44	Current Dual	14.00	1.25					
10	40-44	Former	275.00	24.51			11.45	16.00	5.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	190.00	19.59	21.00	9.81			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	267.00	27.53			15.15	11.00	4.12

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	16.00	9.36			
10	50-54	Current MRTP	9.00	1.11					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	218.00	26.88			14.40	14.00	6.42
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	15.00	10.64			
10	55-59	Current MRTP	9.00	1.45					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	179.00	28.82			18.14	8.00	4.47
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	8.00	6.67			
10	60-64	Current MRTP	4.00	0.75					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	163.00	30.47			18.64	3.00	1.84
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	93.00	19.06	11.00	11.00			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.96	2.00	1.45
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	13.00	13.00			
10	70-74	Current MRTP	10.00	1.87					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	176.00	32.84			23.67	11.00	6.25
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	26.00	30.59			
10	75-79	Current MRTP	12.00	2.23					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	174.00	32.28			27.46	9.00	5.17
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1650.00	19.25	206.00	10.27			
15	All Ages	Current MRTP	205.00	2.39					
15	All Ages	Current Dual	151.00	1.76					
15	All Ages	Former	2101.00	24.52			17.05	146.00	6.95
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	151.00	18.57	2.00	0.96			
15	25-29	Current MRTP	34.00	4.18					
15	25-29	Current Dual	23.00	2.83					
15	25-29	Former	36.00	4.43			3.86	13.00	36.11
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	199.00	23.58	8.00	2.91			
15	30-34	Current MRTP	40.00	4.74					
15	30-34	Current Dual	36.00	4.27					
15	30-34	Former	87.00	10.31			5.89	18.00	20.69
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	166.00	19.98	23.00	10.50			
15	35-39	Current MRTP	27.00	3.25					
15	35-39	Current Dual	26.00	3.13					
15	35-39	Former	203.00	24.43			11.10	13.00	6.40
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	228.00	22.82	29.00	10.58			
15	40-44	Current MRTP	22.00	2.20					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	236.00	23.62			13.32	16.00	6.78
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	231.00	20.59	24.00	8.73			
15	45-49	Current MRTP	30.00	2.67					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	307.00	27.36			14.42	14.00	4.56
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	167.00	17.22	28.00	14.51			
15	50-54	Current MRTP	14.00	1.44					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	288.00	29.69			17.90	15.00	5.21
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	143.00	17.63	17.00	11.18			
15	55-59	Current MRTP	6.00	0.74					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	237.00	29.22			17.14	16.00	6.75
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	19.00	15.45			
15	60-64	Current MRTP	10.00	1.61					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	197.00	31.72			20.29	12.00	6.09
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	21.00	18.75			
15	65-69	Current MRTP	6.00	1.12					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	171.00	31.96			21.50	7.00	4.09
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	78.00	15.98	12.00	14.12			
15	70-74	Current MRTP	6.00	1.23					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	153.00	31.35			24.62	9.00	5.88
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	75.00	13.99	23.00	25.56			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	186.00	34.70			25.25	13.00	6.99
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1414.00	17.60	218.00	12.39			

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	208.00	2.59					
20	All Ages	Current Dual	137.00	1.71					
20	All Ages	Former	2131.00	26.52			18.38	127.00	5.96
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	148.00	18.20	3.00	1.44			
20	30-34	Current MRTP	38.00	4.67					
20	30-34	Current Dual	23.00	2.83					
20	30-34	Former	68.00	8.36			5.59	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	466.00	55.21					
20	35-39	Current CC	175.00	20.73	11.00	4.45			
20	35-39	Current MRTP	42.00	4.98					
20	35-39	Current Dual	30.00	3.55					
20	35-39	Former	131.00	15.52			7.37	26.00	19.85
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	147.00	17.69	28.00	13.73			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	28.00	3.37					
20	40-44	Former	228.00	27.44			14.11	9.00	3.95
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	212.00	21.22	31.00	12.30			
20	45-49	Current MRTP	21.00	2.10					
20	45-49	Current Dual	19.00	1.90					
20	45-49	Former	258.00	25.83			16.21	11.00	4.26
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	204.00	18.18	26.00	10.74			
20	50-54	Current MRTP	26.00	2.32					
20	50-54	Current Dual	12.00	1.07					
20	50-54	Former	340.00	30.30			16.91	19.00	5.59
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	489.00	50.41					
20	55-59	Current CC	150.00	15.46	31.00	17.61			
20	55-59	Current MRTP	13.00	1.34					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	305.00	31.44			20.73	9.00	2.95
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	25.00	17.73			
20	60-64	Current MRTP	17.00	2.10					

Results for PHIM for Run 14 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	2.00	0.25					
20	60-64	Former	248.00	30.58			20.21	13.00	5.24

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	23.00	20.35			
20	65-69	Current MRTP	10.00	1.61					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	207.00	33.33			23.11	6.00	2.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	20.00	20.41			
20	70-74	Current MRTP	7.00	1.31					
20	70-74	Current Dual	2.00	0.37					
20	70-74	Former	185.00	34.58			23.89	11.00	5.95

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	68.00	13.93	20.00	25.97			
20	75-79	Current MRTP	5.00	1.02					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	161.00	32.99			25.71	10.00	6.21

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60199.074	27.068	0.014	0.045	2778.64	842.922	842.543	0.379
1993	202512	62332.320	62277.066	55.253	0.027	0.089	2793.47	859.818	859.055	0.762
1994	200658	62691.239	62615.439	75.800	0.038	0.121	2725.82	851.622	850.593	1.030
1995	201023	63132.954	63014.140	118.815	0.059	0.188	2687.54	844.043	842.455	1.588
1996	201180	64309.880	64250.205	59.675	0.030	0.093	2653.67	848.280	847.493	0.787
1997	198639	64547.894	64449.480	98.414	0.050	0.152	2583.39	839.475	838.195	1.280
1998	197573	65384.866	65215.159	169.707	0.086	0.260	2533.29	838.367	836.191	2.176
1999	211329	67554.762	67270.045	284.717	0.135	0.421	2673.14	854.513	850.912	3.601
2000	208496	68184.366	67842.415	341.951	0.164	0.502	2604.20	851.652	847.381	4.271
2001	203606	68286.060	67778.373	507.687	0.249	0.743	2514.65	843.372	837.102	6.270
2002	200828	68983.996	68465.392	518.604	0.258	0.752	2455.47	843.450	837.109	6.341
2003	196352	68717.830	67999.265	718.566	0.366	1.046	2377.49	832.057	823.357	8.701
2004	188160	67344.952	66377.215	967.736	0.514	1.437	2254.66	806.974	795.377	11.596
2005	186416	67846.650	66721.359	1125.292	0.604	1.659	2208.07	803.634	790.305	13.329
2006	180088	66622.465	65086.305	1536.160	0.853	2.306	2113.55	781.893	763.865	18.029
2007	175644	65977.201	64175.025	1802.176	1.026	2.732	2039.92	766.256	745.326	20.930
2008	177570	67121.344	65174.685	1946.659	1.096	2.900	2039.03	770.751	748.398	22.353
2009	172806	66622.993	64354.648	2268.345	1.313	3.405	1961.22	756.123	730.379	25.744

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	1289675.215	12641.15	0.324	0.971	2465.77	823.300	815.308	7.991

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.966	6.480	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33455.469	12.267	0.026	0.037	638.542	461.657	461.488	0.169
1994	47017	33989.389	33974.779	14.610	0.031	0.043	638.697	461.725	461.527	0.198
1995	47840	34566.580	34541.447	25.133	0.053	0.073	639.587	462.131	461.795	0.336
1996	48244	34997.958	34998.391	-0.434	-0.001	-0.001	636.363	461.641	461.647	-0.006
1997	49035	35549.658	35536.226	13.432	0.027	0.038	637.723	462.340	462.165	0.175
1998	49686	36138.033	36113.667	24.367	0.049	0.067	637.076	463.363	463.051	0.312
1999	48883	35506.142	35464.335	41.807	0.086	0.118	618.331	449.124	448.595	0.529
2000	50331	36573.306	36511.820	61.487	0.122	0.168	628.656	456.816	456.048	0.768
2001	50389	36733.445	36631.920	101.526	0.201	0.276	622.333	453.679	452.425	1.254
2002	51445	37627.700	37515.291	112.409	0.219	0.299	629.005	460.065	458.690	1.374
2003	51408	37552.784	37370.872	181.912	0.354	0.484	622.464	454.701	452.498	2.203
2004	51399	37527.823	37268.645	259.178	0.504	0.691	615.898	449.684	446.579	3.106
2005	51421	37486.186	37188.706	297.480	0.579	0.794	609.074	444.018	440.495	3.524
2006	51355	37409.496	36960.059	449.437	0.875	1.201	602.712	439.045	433.770	5.275
2007	51839	37602.867	37062.185	540.682	1.043	1.438	602.056	436.718	430.439	6.279
2008	50976	36986.957	36426.890	560.067	1.099	1.514	585.355	424.719	418.288	6.431
2009	51193	37201.944	36512.639	689.305	1.346	1.853	581.003	422.215	414.392	7.823

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	708507.498	3397.341	0.346	0.477	619.890	450.053	447.905	2.148

****

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	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12326.022	11.973	0.013	0.097	1311.71	172.682	172.514	0.168
1993	93679	12401.934	12374.897	27.037	0.029	0.218	1292.22	171.073	170.700	0.373
1994	90832	12128.576	12087.007	41.569	0.046	0.343	1233.90	164.759	164.195	0.565
1995	89698	11958.696	11899.249	59.447	0.066	0.497	1199.20	159.879	159.085	0.795
1996	88286	12020.749	11965.022	55.727	0.063	0.464	1164.54	158.560	157.825	0.735
1997	84777	11593.724	11520.034	73.690	0.087	0.636	1102.56	150.782	149.823	0.958
1998	82517	11337.035	11222.575	114.460	0.139	1.010	1058.04	145.364	143.896	1.468
1999	93939	13027.458	12837.148	190.310	0.203	1.461	1188.25	164.787	162.380	2.407
2000	90039	12607.547	12409.532	198.015	0.220	1.571	1124.63	157.474	155.000	2.473
2001	86119	12350.451	12070.764	279.686	0.325	2.265	1063.62	152.535	149.081	3.454
2002	83014	12112.097	11818.050	294.046	0.354	2.428	1014.99	148.092	144.496	3.595
2003	79302	11683.252	11338.383	344.869	0.435	2.952	960.214	141.465	137.289	4.176
2004	73861	11139.095	10702.050	437.045	0.592	3.924	885.053	133.476	128.239	5.237
2005	71649	10884.683	10393.179	491.504	0.686	4.516	848.672	128.927	123.106	5.822
2006	67551	10397.565	9796.644	600.921	0.890	5.779	792.791	122.028	114.975	7.053
2007	63503	9785.831	9089.836	695.995	1.096	7.112	737.521	113.652	105.569	8.083
2008	63171	9922.524	9166.143	756.381	1.197	7.623	725.389	113.940	105.254	8.685
2009	59747	9483.598	8660.631	822.967	1.377	8.678	678.085	107.632	98.292	9.340

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

Age Group:All		Null	MRTP			%Drop		Null	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	226982.527	5500.022	0.333	2.366	1043.56	146.971	143.494	3.477

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.249	4.199	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3107.291	7.225	0.022	0.232	452.005	42.962	42.862	0.100
1994	33005	3168.398	3156.596	11.802	0.036	0.373	448.353	43.041	42.880	0.160
1995	33730	3200.274	3182.261	18.014	0.053	0.563	450.946	42.785	42.545	0.241
1996	33750	3234.738	3214.785	19.953	0.059	0.617	445.180	42.668	42.405	0.263
1997	33699	3240.665	3223.748	16.917	0.050	0.522	438.271	42.146	41.926	0.220
1998	33274	3171.578	3138.764	32.814	0.099	1.035	426.640	40.666	40.245	0.421
1999	33891	3153.786	3102.708	51.079	0.151	1.620	428.694	39.893	39.247	0.646
2000	33827	3237.043	3172.760	64.283	0.190	1.986	422.514	40.432	39.629	0.803
2001	32506	3110.972	3020.543	90.429	0.278	2.907	401.468	38.422	37.305	1.117
2002	32078	3123.298	3026.368	96.930	0.302	3.103	392.210	38.188	37.003	1.185
2003	30568	3025.984	2918.356	107.628	0.352	3.557	370.127	36.640	35.336	1.303
2004	29388	2983.453	2841.116	142.337	0.484	4.771	352.147	35.750	34.044	1.706
2005	27954	2926.679	2762.748	163.931	0.586	5.601	331.111	34.666	32.724	1.942
2006	27201	2889.308	2690.320	198.988	0.732	6.887	319.236	33.909	31.574	2.335
2007	26302	2810.025	2577.084	232.942	0.886	8.290	305.470	32.636	29.930	2.705
2008	25998	2773.025	2527.833	245.192	0.943	8.842	298.534	31.843	29.027	2.816
2009	25040	2723.293	2448.872	274.421	1.096	10.077	284.186	30.907	27.793	3.114

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

Age Group:All		Null	MRTP			%Drop		Null	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	59510.220	1781.523	0.286	2.907	394.195	38.747	37.621	1.126

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.836	4.416	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13339.409	8.725	0.029	0.065	410.705	184.125	184.005	0.120
1994	29804	13404.876	13397.058	7.818	0.026	0.058	404.869	182.097	181.991	0.106
1995	29755	13407.404	13391.183	16.221	0.055	0.121	397.803	179.248	179.031	0.217
1996	30900	14056.435	14072.006	-15.572	-0.050	-0.111	407.587	185.412	185.617	-0.205
1997	31128	14163.848	14169.473	-5.625	-0.018	-0.040	404.834	184.207	184.280	-0.073
1998	32096	14738.220	14740.154	-1.934	-0.006	-0.013	411.536	188.974	188.999	-0.025
1999	34616	15867.376	15865.854	1.522	0.004	0.010	437.865	200.710	200.690	0.019
2000	34299	15766.470	15748.304	18.166	0.053	0.115	428.409	196.930	196.703	0.227
2001	34592	16091.193	16055.146	36.046	0.104	0.224	427.231	198.736	198.290	0.445
2002	34291	16120.902	16105.683	15.219	0.044	0.094	419.268	197.106	196.920	0.186
2003	35074	16455.810	16371.655	84.156	0.240	0.511	424.687	199.252	198.233	1.019
2004	33512	15694.580	15565.404	129.176	0.385	0.823	401.564	188.063	186.515	1.548
2005	35392	16549.102	16376.726	172.376	0.487	1.042	419.213	196.022	193.980	2.042
2006	33981	15926.096	15639.282	286.814	0.844	1.801	398.807	186.912	183.545	3.366
2007	34000	15778.477	15445.920	332.557	0.978	2.108	394.875	183.251	179.388	3.862
2008	37425	17438.838	17053.819	385.018	1.029	2.208	429.749	200.249	195.828	4.421
2009	36826	17214.158	16732.506	481.651	1.308	2.798	417.948	195.368	189.902	5.466

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294674.970	1962.263	0.304	0.662	408.132	187.528	186.288	1.241

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN8
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 15, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN8

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

****

Main Output for the Smoking History Summarized over Simulations for Run: 15, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2492.00	27.15	136.00	5.04			
5	All Ages	Current MRTP	107.00	1.17					
5	All Ages	Current Dual	99.00	1.08					
5	All Ages	Former	2579.00	28.10			15.71	132.00	5.12

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	3.00	0.93			
5	25-29	Current MRTP	21.00	2.19					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	110.00	11.48			5.14	17.00	15.45
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	357.00	33.24	9.00	2.36			
5	30-34	Current MRTP	12.00	1.12					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	205.00	19.09			6.34	24.00	11.71
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	15.00	4.20			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	252.00	23.27			7.82	17.00	6.75
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	237.00	27.59	12.00	4.71			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	296.00	34.46			13.91	9.00	3.04
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	10.00	6.80			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	222.00	42.37			16.95	13.00	5.86
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	15.00	11.81			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	247.00	47.96			18.90	5.00	2.02
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	18.00	20.22			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	253.00	56.47			23.10	8.00	3.16

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	74.00	20.61	14.00	17.07			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	209.00	58.22			24.62	5.00	2.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2343.00	24.99	243.00	8.82			
10	All Ages	Current MRTP	240.00	2.56					
10	All Ages	Current Dual	172.00	1.83					
10	All Ages	Former	2537.00	27.06			17.72	134.00	5.28

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	10.00	1.12			2.90	4.00	40.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	245.00	26.78	5.00	1.57			
10	25-29	Current MRTP	36.00	3.93					
10	25-29	Current Dual	38.00	4.15					
10	25-29	Former	43.00	4.70			4.95	12.00	27.91

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	255.00	26.62	8.00	2.41			
10	30-34	Current MRTP	45.00	4.70					
10	30-34	Current Dual	32.00	3.34					
10	30-34	Former	143.00	14.93			7.90	16.00	11.19

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	329.00	30.63	22.00	5.91			
10	35-39	Current MRTP	25.00	2.33					
10	35-39	Current Dual	18.00	1.68					
10	35-39	Former	228.00	21.23			9.95	16.00	7.02

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	25.00	8.62			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	9.00	0.92					
10	45-49	Former	281.00	28.88			16.04	11.00	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 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	215.00	25.03	30.00	12.15			
10	50-54	Current MRTP	17.00	1.98					
10	50-54	Current Dual	15.00	1.75					
10	50-54	Former	304.00	35.39			17.43	6.00	1.97
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	27.00	14.14			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	247.00	39.21			20.52	7.00	2.83
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	14.00	10.22			
10	60-64	Current MRTP	4.00	0.76					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	232.00	44.27			20.13	9.00	3.88
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	25.00	19.84			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	8.00	1.55					
10	65-69	Former	248.00	48.16			22.26	9.00	3.63
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	32.00	25.60			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	7.00	1.40					
10	70-74	Former	255.00	51.00			24.96	12.00	4.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	26.00	32.10			
10	75-79	Current MRTP	13.00	2.90					
10	75-79	Current Dual	8.00	1.79					
10	75-79	Former	261.00	58.26			25.89	12.00	4.60
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2091.00	23.42	317.00	12.07			
15	All Ages	Current MRTP	327.00	3.66					
15	All Ages	Current Dual	209.00	2.34					
15	All Ages	Former	2444.00	27.38			19.27	129.00	5.28
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	186.00	20.76	0.00	0.00			
15	25-29	Current MRTP	44.00	4.91					
15	25-29	Current Dual	26.00	2.90					
15	25-29	Former	32.00	3.57			3.63	10.00	31.25
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	228.00	24.92	10.00	3.07			
15	30-34	Current MRTP	56.00	6.12					
15	30-34	Current Dual	42.00	4.59					
15	30-34	Former	69.00	7.54			6.39	14.00	20.29
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	233.00	24.32	16.00	5.00			
15	35-39	Current MRTP	51.00	5.32					
15	35-39	Current Dual	36.00	3.76					
15	35-39	Former	170.00	17.75			10.52	19.00	11.18
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	292.00	27.19	31.00	9.04			
15	40-44	Current MRTP	32.00	2.98					
15	40-44	Current Dual	19.00	1.77					
15	40-44	Former	259.00	24.12			12.74	17.00	6.56
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	470.00	43.40					
15	45-49	Current CC	264.00	24.38	42.00	13.50			
15	45-49	Current MRTP	29.00	2.68					
15	45-49	Current Dual	18.00	1.66					
15	45-49	Former	302.00	27.89			14.69	12.00	3.97
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	225.00	23.12	30.00	11.76			
15	50-54	Current MRTP	21.00	2.16					
15	50-54	Current Dual	9.00	0.92					
15	50-54	Former	316.00	32.48			18.32	14.00	4.43
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	193.00	22.47	41.00	17.45			
15	55-59	Current MRTP	24.00	2.79					
15	55-59	Current Dual	18.00	2.10					
15	55-59	Former	316.00	36.79			20.80	15.00	4.75
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	157.00	24.92	35.00	19.02			
15	60-64	Current MRTP	21.00	3.33					
15	60-64	Current Dual	6.00	0.95					
15	60-64	Former	254.00	40.32			23.45	10.00	3.94
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	124.00	23.66	30.00	21.43			
15	65-69	Current MRTP	5.00	0.95					
15	65-69	Current Dual	11.00	2.10					
15	65-69	Former	229.00	43.70			23.58	4.00	1.75
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	91.00	17.67	34.00	26.98			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	12.00	2.33					
15	70-74	Former	248.00	48.16			25.65	8.00	3.23
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	48.00	36.64			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	12.00	2.40					
15	75-79	Former	249.00	49.80			27.84	6.00	2.41
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	3676.00	43.62					
20	All Ages	Current CC	1765.00	20.94	360.00	15.08			

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	383.00	4.54					
20	All Ages	Current Dual	240.00	2.85					
20	All Ages	Former	2363.00	28.04			20.41	124.00	5.25
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	175.00	19.53	2.00	0.75			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	39.00	4.35					
20	30-34	Former	54.00	6.03			5.83	12.00	22.22
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	202.00	22.08	13.00	4.15			
20	35-39	Current MRTP	63.00	6.89					
20	35-39	Current Dual	48.00	5.25					
20	35-39	Former	100.00	10.93			7.95	16.00	16.00
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	212.00	22.13	25.00	8.04			
20	40-44	Current MRTP	59.00	6.16					
20	40-44	Current Dual	40.00	4.18					
20	40-44	Former	188.00	19.62			13.49	9.00	4.79
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	272.00	25.33	41.00	12.58			
20	45-49	Current MRTP	36.00	3.35					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	276.00	25.70			15.93	15.00	5.43
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	228.00	21.05	50.00	17.67			
20	50-54	Current MRTP	39.00	3.60					
20	50-54	Current Dual	16.00	1.48					
20	50-54	Former	330.00	30.47			17.33	13.00	3.94
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	201.00	20.66	41.00	17.08			
20	55-59	Current MRTP	27.00	2.77					
20	55-59	Current Dual	12.00	1.23					
20	55-59	Former	331.00	34.02			21.37	11.00	3.32
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	170.00	19.79	53.00	23.35			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 15 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	23.00	2.68					
20	60-64	Former	324.00	37.72			23.54	14.00	4.32

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	127.00	20.16	43.00	25.29			
20	65-69	Current MRTP	32.00	5.08					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	268.00	42.54			25.01	12.00	4.48

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	43.00	32.09			
20	70-74	Current MRTP	14.00	2.67					
20	70-74	Current Dual	14.00	2.67					
20	70-74	Former	235.00	44.85			26.18	11.00	4.68

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	72.00	13.98	49.00	41.88			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	19.00	3.69					
20	75-79	Former	257.00	49.90			26.86	11.00	4.28

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124080.787	51.796	0.017	0.042	4845.61	1920.39	1919.59	0.801
1992	308577	122143.718	121974.820	168.898	0.055	0.138	4692.62	1857.47	1854.91	2.568
1993	311713	123269.216	122918.280	350.936	0.113	0.285	4656.77	1841.55	1836.31	5.243
1994	305700	120480.723	119989.098	491.625	0.161	0.408	4482.57	1766.64	1759.43	7.209
1995	303225	118666.569	117980.377	686.192	0.226	0.578	4361.58	1706.89	1697.02	9.870
1996	299559	116607.195	115720.918	886.276	0.296	0.760	4242.85	1651.58	1639.03	12.553
1997	294226	114665.051	113663.942	1001.110	0.340	0.873	4100.64	1598.09	1584.14	13.952
1998	289258	113038.380	111829.035	1209.345	0.418	1.070	3966.28	1549.97	1533.39	16.582
1999	311002	117067.463	115456.011	1611.452	0.518	1.377	4198.14	1580.27	1558.51	21.753
2000	303786	114977.407	113243.206	1734.202	0.571	1.508	4041.13	1529.49	1506.42	23.069
2001	296294	113047.319	111205.893	1841.426	0.621	1.629	3890.54	1484.39	1460.21	24.179
2002	291898	111744.742	109768.655	1976.087	0.677	1.768	3789.34	1450.64	1424.99	25.653
2003	285865	110551.854	108444.309	2107.545	0.737	1.906	3671.31	1419.80	1392.73	27.067
2004	274177	107418.262	105317.783	2100.478	0.766	1.955	3481.92	1364.16	1337.49	26.675
2005	272379	107678.770	105509.334	2169.436	0.796	2.015	3417.44	1351.01	1323.79	27.219
2006	264118	104357.806	102166.875	2190.931	0.830	2.099	3281.83	1296.71	1269.49	27.224
2007	258419	102690.449	100391.525	2298.924	0.890	2.239	3176.05	1262.10	1233.85	28.255
2008	259461	103492.166	100859.401	2632.765	1.015	2.544	3150.91	1256.82	1224.84	31.972
2009	253907	101384.044	98601.900	2782.143	1.096	2.744	3045.20	1215.94	1182.57	33.367

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	2244952.110	28291.57	0.487	1.245	3927.78	1535.76	1516.64	19.113

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63056.038	12.748	0.016	0.020	1213.84	975.702	975.505	0.197
1992	77987	62535.347	62499.612	35.735	0.046	0.057	1185.97	950.993	950.450	0.543
1993	78542	62883.111	62814.862	68.249	0.087	0.109	1173.36	939.428	938.408	1.020
1994	77437	61805.804	61706.964	98.840	0.128	0.160	1135.48	906.276	904.827	1.449
1995	76904	61145.799	61005.010	140.789	0.183	0.230	1106.18	879.519	877.494	2.025
1996	76232	60385.323	60201.711	183.611	0.241	0.304	1079.72	855.277	852.676	2.601
1997	75473	59549.806	59354.562	195.244	0.259	0.328	1051.87	829.947	827.226	2.721
1998	75381	59292.315	59020.066	272.248	0.361	0.459	1033.62	813.010	809.277	3.733
1999	73159	57398.351	57064.435	333.916	0.456	0.582	987.557	774.807	770.300	4.507
2000	73784	57716.549	57319.645	396.903	0.538	0.688	981.515	767.777	762.497	5.280
2001	73294	57211.877	56782.040	429.838	0.586	0.751	962.399	751.230	745.586	5.644
2002	72442	56438.810	55974.375	464.435	0.641	0.823	940.422	732.673	726.644	6.029
2003	71942	55948.341	55479.321	469.020	0.652	0.838	923.937	718.533	712.510	6.024
2004	71301	55339.218	54854.214	485.004	0.680	0.876	905.490	702.783	696.624	6.159
2005	70964	54964.459	54479.819	484.641	0.683	0.882	890.360	689.620	683.539	6.081
2006	69658	53781.526	53300.883	480.643	0.690	0.894	865.543	668.268	662.296	5.972
2007	68565	52784.985	52291.938	493.047	0.719	0.934	842.687	648.745	642.685	6.060
2008	68226	52470.692	51886.398	584.294	0.856	1.114	828.542	637.208	630.112	7.096
2009	67509	51823.021	51200.713	622.308	0.922	1.201	809.661	621.533	614.070	7.464

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	1153737.015	6251.513	0.424	0.539	997.213	783.665	779.442	4.223

****

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	37039.000	28.385	0.017	0.077	2599.72	573.449	573.010	0.439
1992	164548	35863.851	35765.278	98.573	0.060	0.275	2502.33	545.392	543.893	1.499
1993	164362	35459.800	35248.417	211.383	0.129	0.596	2455.45	529.744	526.586	3.158
1994	159866	34293.631	34004.075	289.556	0.181	0.844	2344.16	502.857	498.612	4.246
1995	158083	33531.695	33137.088	394.606	0.250	1.177	2273.86	482.318	476.642	5.676
1996	154875	32438.163	31939.979	498.184	0.322	1.536	2193.60	459.443	452.387	7.056
1997	149970	31179.663	30606.549	573.114	0.382	1.838	2090.14	434.552	426.564	7.988
1998	145407	29860.736	29222.892	637.844	0.439	2.136	1993.81	409.447	400.701	8.746
1999	165952	34413.904	33534.498	879.406	0.530	2.555	2240.15	464.545	452.675	11.871
2000	160260	33265.290	32368.023	897.267	0.560	2.697	2131.87	442.513	430.577	11.936
2001	154444	32074.102	31130.431	943.670	0.611	2.942	2027.95	421.154	408.763	12.391
2002	151887	31817.956	30812.060	1005.896	0.662	3.161	1971.76	413.052	399.994	13.058
2003	146733	31025.931	29905.240	1120.691	0.764	3.612	1884.46	398.460	384.067	14.393
2004	138381	29503.602	28393.592	1110.010	0.802	3.762	1757.38	374.682	360.586	14.097
2005	135881	29077.894	27923.104	1154.790	0.850	3.971	1704.85	364.830	350.341	14.489
2006	131922	28385.448	27179.158	1206.289	0.914	4.250	1639.21	352.707	337.718	14.989
2007	126502	27327.625	26048.601	1279.025	1.011	4.680	1554.75	335.866	320.146	15.720
2008	125859	27025.472	25617.835	1407.637	1.118	5.209	1528.44	328.199	311.105	17.094
2009	122428	26361.626	24870.009	1491.617	1.218	5.658	1468.33	316.165	298.276	17.890

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	2996888	638356.673	623128.728	15227.95	0.508	2.385	2024.64	431.261	420.973	10.288

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4483.989	3.993	0.012	0.089	504.630	69.431	69.369	0.062
1992	32100	4371.196	4355.207	15.989	0.050	0.366	488.154	66.474	66.231	0.243
1993	32896	4414.136	4377.119	37.017	0.113	0.839	491.442	65.944	65.391	0.553
1994	33323	4474.895	4421.545	53.350	0.160	1.192	488.625	65.617	64.834	0.782
1995	33569	4476.290	4399.953	76.337	0.227	1.705	482.855	64.387	63.289	1.098
1996	33870	4489.078	4388.035	101.044	0.298	2.251	479.723	63.582	62.151	1.431
1997	33516	4444.866	4320.072	124.794	0.372	2.808	467.113	61.948	60.209	1.739
1998	32795	4313.427	4191.089	122.338	0.373	2.836	449.682	59.145	57.468	1.677
1999	33375	4232.739	4087.041	145.697	0.437	3.442	450.521	57.137	55.170	1.967
2000	33459	4307.577	4163.172	144.405	0.432	3.352	445.090	57.302	55.381	1.921
2001	32275	4136.308	3993.918	142.391	0.441	3.442	423.792	54.312	52.443	1.870
2002	31586	4079.175	3937.371	141.803	0.449	3.476	410.041	52.955	51.114	1.841
2003	30985	4096.221	3924.178	172.044	0.555	4.200	397.934	52.607	50.397	2.210
2004	29884	4034.217	3868.020	166.197	0.556	4.120	379.513	51.233	49.122	2.111
2005	28708	3944.303	3776.214	168.089	0.586	4.262	360.189	49.488	47.379	2.109
2006	28188	3970.169	3788.826	181.343	0.643	4.568	350.253	49.332	47.078	2.253
2007	28026	3957.558	3754.081	203.477	0.726	5.141	344.449	48.640	46.139	2.501
2008	27128	3812.302	3608.459	203.842	0.751	5.347	329.444	46.297	43.821	2.475
2009	27068	3827.467	3597.700	229.767	0.849	6.003	324.637	45.904	43.149	2.756

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

Age Group:All		Null	MRTP			%Drop		Null	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	82023.587	2433.917	0.387	2.882	424.421	57.058	55.414	1.644

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19501.760	6.671	0.020	0.034	527.418	301.804	301.701	0.103
1992	33942	19373.324	19354.722	18.602	0.055	0.096	516.166	294.616	294.333	0.283
1993	35913	20512.169	20477.882	34.287	0.095	0.167	536.514	306.437	305.925	0.512
1994	35074	19906.392	19856.514	49.878	0.142	0.251	514.300	291.893	291.162	0.731
1995	34669	19512.784	19438.325	74.459	0.215	0.382	498.677	280.671	279.600	1.071
1996	34582	19294.631	19191.193	103.438	0.299	0.536	489.808	273.283	271.817	1.465
1997	35267	19490.717	19382.759	107.958	0.306	0.554	491.517	271.643	270.138	1.505
1998	35675	19571.902	19394.987	176.915	0.496	0.904	489.172	268.368	265.942	2.426
1999	38516	21022.469	20770.037	252.432	0.655	1.201	519.919	283.777	280.370	3.408
2000	36283	19687.992	19392.365	295.626	0.815	1.502	482.656	261.900	257.968	3.933
2001	36281	19625.032	19299.505	325.527	0.897	1.659	476.394	257.690	253.415	4.274
2002	35983	19408.801	19044.848	363.952	1.011	1.875	467.122	251.960	247.235	4.725
2003	36205	19481.360	19135.570	345.790	0.955	1.775	464.974	250.195	245.754	4.441
2004	34611	18541.224	18201.957	339.267	0.980	1.830	439.544	235.465	231.157	4.309
2005	36826	19692.114	19330.197	361.917	0.983	1.838	462.043	247.070	242.529	4.541
2006	34350	18220.663	17898.007	322.656	0.939	1.771	426.820	226.403	222.394	4.009
2007	35326	18620.282	18296.906	323.376	0.915	1.737	434.168	228.849	224.875	3.974
2008	38248	20183.701	19746.708	436.992	1.143	2.165	464.487	245.112	239.806	5.307
2009	36902	19371.930	18933.478	438.451	1.188	2.263	442.580	232.335	227.077	5.259

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

Age Group:All		Null	MRTP			%Drop		Null	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	386062.781	4378.193	0.614	1.121	481.512	263.774	260.816	2.958

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.1
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN8
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 16, Scenario: STP_NULL

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

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

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 16, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN8

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

****

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2027.00	22.32	114.00	5.14			
5	All Ages	Current MRTP	113.00	1.24					
5	All Ages	Current Dual	77.00	0.85					
5	All Ages	Former	1981.00	21.82			14.87	111.00	5.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.00	2.00	100.00

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

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	10.00	4.18			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	135.00	16.25			5.44	13.00	9.63
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	281.00	28.13	13.00	4.32			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	10.00	1.00					
5	30-34	Former	182.00	18.22			7.75	14.00	7.69
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	10.00	3.01			
5	35-39	Current MRTP	21.00	1.87					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	240.00	21.39			8.48	14.00	5.83
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.91			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	251.00	25.88			11.60	14.00	5.58
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	9.00	4.81			
5	45-49	Current MRTP	6.00	0.74					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	202.00	24.91			11.30	14.00	6.93
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	7.00	5.43			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.16	6.00	3.90
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	13.00	11.40			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	162.00	30.22			21.57	7.00	4.32
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	12.00	14.12			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	174.00	32.28			24.99	3.00	1.72

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	12.00	20.34			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.01	2.00	1.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1900.00	20.86	197.00	8.64			
10	All Ages	Current MRTP	217.00	2.38					
10	All Ages	Current Dual	163.00	1.79					
10	All Ages	Former	1960.00	21.52			16.62	96.00	4.90

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	143.00	17.59	0.00	0.00			
10	20-24	Current MRTP	16.00	1.97					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	9.00	1.11			3.67	2.00	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	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.83			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	31.00	3.67					
10	25-29	Former	44.00	5.21			4.98	10.00	22.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	187.00	22.50	16.00	6.37			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	33.00	3.97					
10	30-34	Former	157.00	18.89			8.86	13.00	8.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	258.00	25.83	27.00	8.65			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	25.00	2.50					
10	35-39	Former	194.00	19.42			11.24	7.00	3.61

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	540.00	48.13					
10	40-44	Current CC	265.00	23.62	22.00	6.98			
10	40-44	Current MRTP	32.00	2.85					
10	40-44	Current Dual	18.00	1.60					
10	40-44	Former	267.00	23.80			11.70	14.00	5.24

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	190.00	19.59	22.00	10.14			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	12.00	1.24					
10	45-49	Former	264.00	27.22			15.30	10.00	3.79

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	19.00	10.73			
10	50-54	Current MRTP	13.00	1.60					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	212.00	26.14			14.73	11.00	5.19
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	16.00	11.03			
10	55-59	Current MRTP	11.00	1.77					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	175.00	28.18			18.49	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	11.00	8.87			
10	60-64	Current MRTP	6.00	1.12					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	159.00	29.72			18.99	3.00	1.89
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	93.00	19.06	13.00	12.75			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	136.00	27.87			24.26	2.00	1.47
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	17.00	16.35			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	6.00	1.12					
10	70-74	Former	172.00	32.09			24.11	10.00	5.81
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	29.00	32.95			
10	75-79	Current MRTP	14.00	2.60					
10	75-79	Current Dual	8.00	1.48					
10	75-79	Former	171.00	31.73			27.90	8.00	4.68
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1651.00	19.26	250.00	11.70			
15	All Ages	Current MRTP	284.00	3.31					
15	All Ages	Current Dual	201.00	2.35					
15	All Ages	Former	1971.00	23.00			17.87	113.00	5.73
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	151.00	18.57	1.00	0.45			
15	25-29	Current MRTP	41.00	5.04					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	23.00	2.83			4.00	10.00	43.48
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	482.00	57.11					

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	199.00	23.58	8.00	2.74			
15	30-34	Current MRTP	49.00	5.81					
15	30-34	Current Dual	44.00	5.21					
15	30-34	Former	70.00	8.29			6.53	13.00	18.57
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	166.00	19.98	26.00	10.97			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	34.00	4.09					
15	35-39	Former	185.00	22.26			11.59	9.00	4.86
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	228.00	22.82	36.00	12.20			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	31.00	3.10					
15	40-44	Former	215.00	21.52			14.18	10.00	4.65
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	232.00	20.68	31.00	10.54			
15	45-49	Current MRTP	40.00	3.57					
15	45-49	Current Dual	22.00	1.96					
15	45-49	Former	288.00	25.67			15.04	11.00	3.82
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	167.00	17.22	32.00	16.00			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	281.00	28.97			18.25	14.00	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	143.00	17.63	25.00	15.34			
15	55-59	Current MRTP	14.00	1.73					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	226.00	27.87			17.75	12.00	5.31
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	19.00	14.84			
15	60-64	Current MRTP	14.00	2.25					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	192.00	30.92			20.70	10.00	5.21
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	23.00	20.00			
15	65-69	Current MRTP	9.00	1.68					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	168.00	31.40			21.69	7.00	4.17
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	78.00	15.98	19.00	20.65			
15	70-74	Current MRTP	10.00	2.05					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	146.00	29.92			25.64	5.00	3.42
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	30.00	30.30			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	9.00	1.68					
15	75-79	Former	177.00	33.02			26.25	12.00	6.78
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1412.00	17.58	278.00	14.30			

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	316.00	3.93					
20	All Ages	Current Dual	216.00	2.69					
20	All Ages	Former	1946.00	24.22			19.49	93.00	4.78

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	148.00	18.20	3.00	1.27			
20	30-34	Current MRTP	53.00	6.52					
20	30-34	Current Dual	35.00	4.31					
20	30-34	Former	41.00	5.04			5.93	7.00	17.07

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	173.00	20.50	11.00	3.97			
20	35-39	Current MRTP	57.00	6.75					
20	35-39	Current Dual	47.00	5.57					
20	35-39	Former	101.00	11.97			8.04	17.00	16.83

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	147.00	17.69	31.00	13.78			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	38.00	4.57					
20	40-44	Former	207.00	24.91			14.63	5.00	2.42

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	212.00	21.22	41.00	14.64			
20	45-49	Current MRTP	38.00	3.80					
20	45-49	Current Dual	30.00	3.00					
20	45-49	Former	230.00	23.02			17.29	6.00	2.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	204.00	18.18	39.00	14.39			
20	50-54	Current MRTP	43.00	3.83					
20	50-54	Current Dual	24.00	2.14					
20	50-54	Former	311.00	27.72			17.80	15.00	4.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	150.00	15.46	38.00	20.43			
20	55-59	Current MRTP	21.00	2.16					
20	55-59	Current Dual	15.00	1.55					
20	55-59	Former	295.00	30.41			21.20	9.00	3.05

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	35.00	22.44			
20	60-64	Current MRTP	25.00	3.08					

Results for PHIM for Run 16 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	9.00	1.11					
20	60-64	Former	233.00	28.73			21.02	10.00	4.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	26.00	21.31			
20	65-69	Current MRTP	16.00	2.58					
20	65-69	Current Dual	7.00	1.13					
20	65-69	Former	198.00	31.88			23.86	5.00	2.53

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	27.00	25.47			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	177.00	33.08			24.67	8.00	4.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	68.00	13.93	27.00	31.76			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	153.00	31.35			26.69	11.00	7.19

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Main Results for E-Component Summarized over Simulations for Run: 16

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59109.335	18.526	0.009	0.031	2826.86	839.248	838.985	0.263
1992	198532	60226.142	60199.074	27.068	0.014	0.045	2778.64	842.922	842.543	0.379
1993	202512	62332.320	62278.934	53.385	0.026	0.086	2793.47	859.818	859.081	0.736
1994	200658	62691.239	62621.832	69.407	0.035	0.111	2725.82	851.622	850.679	0.943
1995	201023	63132.954	63025.925	107.029	0.053	0.170	2687.54	844.043	842.612	1.431
1996	201180	64309.880	64277.997	31.883	0.016	0.050	2653.67	848.280	847.859	0.421
1997	198639	64547.894	64492.007	55.887	0.028	0.087	2583.39	839.475	838.748	0.727
1998	197573	65384.866	65272.291	112.575	0.057	0.172	2533.29	838.367	836.923	1.443
1999	211329	67554.762	67340.445	214.316	0.101	0.317	2673.14	854.513	851.803	2.711
2000	208496	68184.366	67924.181	260.186	0.125	0.382	2604.20	851.652	848.402	3.250
2001	203606	68286.060	67870.746	415.315	0.204	0.608	2514.65	843.372	838.243	5.129
2002	200828	68983.996	68580.275	403.721	0.201	0.585	2455.47	843.450	838.514	4.936
2003	196352	68717.830	68132.202	585.628	0.298	0.852	2377.49	832.057	824.966	7.091
2004	188160	67344.952	66525.165	819.787	0.436	1.217	2254.66	806.974	797.150	9.823
2005	186416	67846.650	66893.327	953.323	0.511	1.405	2208.07	803.634	792.342	11.292
2006	180088	66622.465	65256.173	1366.291	0.759	2.051	2113.55	781.893	765.858	16.035
2007	175644	65977.201	64376.359	1600.842	0.911	2.426	2039.92	766.256	747.664	18.592
2008	177570	67121.344	65400.489	1720.854	0.969	2.564	2039.03	770.751	750.990	19.760
2009	172806	66622.993	64603.451	2019.542	1.169	3.031	1961.22	756.123	733.202	22.920

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	1291480.798	10835.57	0.278	0.832	2465.77	823.300	816.450	6.850

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31523.821	6.198	0.014	0.020	620.154	447.530	447.442	0.088
1992	45423	32811.446	32804.966	6.480	0.014	0.020	635.738	459.227	459.137	0.091
1993	46291	33467.735	33455.949	11.786	0.025	0.035	638.542	461.657	461.494	0.163
1994	47017	33989.389	33976.489	12.900	0.027	0.038	638.697	461.725	461.550	0.175
1995	47840	34566.580	34544.479	22.101	0.046	0.064	639.587	462.131	461.835	0.295
1996	48244	34997.958	35005.932	-7.974	-0.017	-0.023	636.363	461.641	461.746	-0.105
1997	49035	35549.658	35548.210	1.448	0.003	0.004	637.723	462.340	462.321	0.019
1998	49686	36138.033	36129.648	8.385	0.017	0.023	637.076	463.363	463.256	0.108
1999	48883	35506.142	35482.028	24.114	0.049	0.068	618.331	449.124	448.819	0.305
2000	50331	36573.306	36532.052	41.255	0.082	0.113	628.656	456.816	456.301	0.515
2001	50389	36733.445	36655.968	77.477	0.154	0.211	622.333	453.679	452.722	0.957
2002	51445	37627.700	37544.775	82.925	0.161	0.220	629.005	460.065	459.051	1.014
2003	51408	37552.784	37406.343	146.441	0.285	0.390	622.464	454.701	452.928	1.773
2004	51399	37527.823	37309.848	217.975	0.424	0.581	615.898	449.684	447.072	2.612
2005	51421	37486.186	37238.061	248.125	0.483	0.662	609.074	444.018	441.079	2.939
2006	51355	37409.496	37008.100	401.396	0.782	1.073	602.712	439.045	434.334	4.711
2007	51839	37602.867	37122.555	480.312	0.927	1.277	602.056	436.718	431.140	5.578
2008	50976	36986.957	36492.080	494.877	0.971	1.338	585.355	424.719	419.037	5.683
2009	51193	37201.944	36587.386	614.558	1.200	1.652	581.003	422.215	415.240	6.975

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	709014.062	2890.777	0.295	0.406	619.890	450.053	448.225	1.827

****

Main Results for E-Component Summarized over Simulations for Run: 16

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12658.600	4.380	0.005	0.035	1368.32	179.735	179.673	0.062
1992	93721	12337.995	12326.022	11.973	0.013	0.097	1311.71	172.682	172.514	0.168
1993	93679	12401.934	12375.758	26.177	0.028	0.211	1292.22	171.073	170.712	0.361
1994	90832	12128.576	12089.823	38.753	0.043	0.320	1233.90	164.759	164.233	0.526
1995	89698	11958.696	11904.518	54.178	0.060	0.453	1199.20	159.879	159.155	0.724
1996	88286	12020.749	11975.573	45.176	0.051	0.376	1164.54	158.560	157.964	0.596
1997	84777	11593.724	11535.370	58.353	0.069	0.503	1102.56	150.782	150.023	0.759
1998	82517	11337.035	11243.133	93.902	0.114	0.828	1058.04	145.364	144.160	1.204
1999	93939	13027.458	12865.728	161.729	0.172	1.241	1188.25	164.787	162.741	2.046
2000	90039	12607.547	12443.941	163.606	0.182	1.298	1124.63	157.474	155.430	2.044
2001	86119	12350.451	12109.214	241.237	0.280	1.953	1063.62	152.535	149.556	2.979
2002	83014	12112.097	11865.716	246.381	0.297	2.034	1014.99	148.092	145.079	3.012
2003	79302	11683.252	11391.796	291.456	0.368	2.495	960.214	141.465	137.935	3.529
2004	73861	11139.095	10760.029	379.066	0.513	3.403	885.053	133.476	128.934	4.542
2005	71649	10884.683	10457.153	427.530	0.597	3.928	848.672	128.927	123.863	5.064
2006	67551	10397.565	9864.657	532.908	0.789	5.125	792.791	122.028	115.773	6.254
2007	63503	9785.831	9164.785	621.046	0.978	6.346	737.521	113.652	106.439	7.213
2008	63171	9922.524	9251.806	670.718	1.062	6.760	725.389	113.940	106.238	7.702
2009	59747	9483.598	8751.961	731.636	1.225	7.715	678.085	107.632	99.328	8.304

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	227682.344	4800.205	0.291	2.065	1043.56	146.971	143.937	3.035

****

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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.578	2.438	0.008	0.078	461.369	44.228	44.193	0.035
1992	32560	3095.448	3091.249	4.199	0.013	0.136	455.708	43.324	43.265	0.059
1993	32768	3114.516	3107.529	6.988	0.021	0.224	452.005	42.962	42.866	0.096
1994	33005	3168.398	3157.425	10.973	0.033	0.346	448.353	43.041	42.892	0.149
1995	33730	3200.274	3183.888	16.386	0.049	0.512	450.946	42.785	42.566	0.219
1996	33750	3234.738	3218.302	16.437	0.049	0.508	445.180	42.668	42.451	0.217
1997	33699	3240.665	3229.056	11.608	0.034	0.358	438.271	42.146	41.995	0.151
1998	33274	3171.578	3145.872	25.706	0.077	0.810	426.640	40.666	40.336	0.330
1999	33891	3153.786	3111.471	42.315	0.125	1.342	428.694	39.893	39.358	0.535
2000	33827	3237.043	3184.091	52.952	0.157	1.636	422.514	40.432	39.771	0.661
2001	32506	3110.972	3031.397	79.574	0.245	2.558	401.468	38.422	37.440	0.983
2002	32078	3123.298	3040.977	82.320	0.257	2.636	392.210	38.188	37.181	1.007
2003	30568	3025.984	2934.223	91.761	0.300	3.032	370.127	36.640	35.529	1.111
2004	29388	2983.453	2858.841	124.613	0.424	4.177	352.147	35.750	34.257	1.493
2005	27954	2926.679	2781.412	145.267	0.520	4.964	331.111	34.666	32.945	1.721
2006	27201	2889.308	2711.615	177.693	0.653	6.150	319.236	33.909	31.824	2.085
2007	26302	2810.025	2599.966	210.059	0.799	7.475	305.470	32.636	30.196	2.440
2008	25998	2773.025	2553.464	219.561	0.845	7.918	298.534	31.843	29.321	2.521
2009	25040	2723.293	2476.962	246.331	0.984	9.045	284.186	30.907	28.112	2.796

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

Age Group:All		Null	MRTP			%Drop		Null	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	59724.564	1567.179	0.251	2.557	394.195	38.747	37.757	0.991

****

Main Results for E-Component Summarized over Simulations for Run: 16

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11813.337	5.510	0.021	0.047	377.015	167.754	167.676	0.078
1992	26828	11981.252	11976.836	4.416	0.016	0.037	375.483	167.689	167.627	0.062
1993	29774	13348.134	13339.699	8.435	0.028	0.063	410.705	184.125	184.009	0.116
1994	29804	13404.876	13398.094	6.782	0.023	0.051	404.869	182.097	182.005	0.092
1995	29755	13407.404	13393.040	14.364	0.048	0.107	397.803	179.248	179.056	0.192
1996	30900	14056.435	14078.190	-21.755	-0.070	-0.155	407.587	185.412	185.698	-0.287
1997	31128	14163.848	14179.371	-15.523	-0.050	-0.110	404.834	184.207	184.409	-0.202
1998	32096	14738.220	14753.637	-15.417	-0.048	-0.105	411.536	188.974	189.172	-0.198
1999	34616	15867.376	15881.218	-13.842	-0.040	-0.087	437.865	200.710	200.885	-0.175
2000	34299	15766.470	15764.097	2.373	0.007	0.015	428.409	196.930	196.900	0.030
2001	34592	16091.193	16074.166	17.027	0.049	0.106	427.231	198.736	198.525	0.210
2002	34291	16120.902	16128.806	-7.904	-0.023	-0.049	419.268	197.106	197.203	-0.097
2003	35074	16455.810	16399.840	55.971	0.160	0.340	424.687	199.252	198.574	0.678
2004	33512	15694.580	15596.447	98.133	0.293	0.625	401.564	188.063	186.887	1.176
2005	35392	16549.102	16416.701	132.401	0.374	0.800	419.213	196.022	194.453	1.568
2006	33981	15926.096	15671.801	254.295	0.748	1.597	398.807	186.912	183.927	2.984
2007	34000	15778.477	15489.053	289.425	0.851	1.834	394.875	183.251	179.889	3.361
2008	37425	17438.838	17103.139	335.698	0.897	1.925	429.749	200.249	196.394	3.855
2009	36826	17214.158	16787.141	427.017	1.160	2.481	417.948	195.368	190.522	4.846

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

Age Group:All		Null	MRTP			%Drop		Null	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	295059.828	1577.405	0.244	0.532	408.132	187.528	186.531	0.997

Results for PHIM for Run 17 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN9
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.RTF)

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

****

STP values for Run: 17, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000

Results for PHIM for Run 17 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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: 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_18_Vary_parameter_combinations_2nd_set.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2403.00	26.19	126.00	4.70			
5	All Ages	Current MRTP	183.00	1.99					
5	All Ages	Current Dual	93.00	1.01					
5	All Ages	Former	2598.00	28.31			15.60	153.00	5.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

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

Results for PHIM for Run 17 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	20.00	2.19					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	21.00	2.30			3.38	6.00	28.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	2.00	0.64			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	119.00	12.42			4.73	27.00	22.69

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	341.00	31.75	9.00	2.33			
5	30-34	Current MRTP	33.00	3.07					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	200.00	18.62			6.39	27.00	13.50

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	328.00	30.29	13.00	3.63			
5	35-39	Current MRTP	19.00	1.75					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	251.00	23.18			7.84	19.00	7.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	9.00	3.26

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	308.00	35.86					
5	45-49	Current CC	229.00	26.66	13.00	5.00			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	291.00	33.88			14.10	6.00	2.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	189.00	30.00	12.00	5.91			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	235.00	37.30			17.33	9.00	3.83

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	9.00	6.29			
5	55-59	Current MRTP	7.00	1.34					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	226.00	43.13			16.65	16.00	7.08

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	14.00	10.94			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	246.00	47.77			18.95	7.00	2.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	113.00	22.60	13.00	10.66			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	258.00	51.60			22.01	9.00	3.49

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_18_Vary_parameter_combinations_2nd_set.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	17.00	20.24			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	258.00	57.59			22.70	9.00	3.49

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	69.00	19.22	11.00	14.67			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	216.00	60.17			23.88	9.00	4.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2172.00	23.17	201.00	7.56			
10	All Ages	Current MRTP	344.00	3.67					
10	All Ages	Current Dual	141.00	1.50					
10	All Ages	Former	2635.00	28.11			17.12	196.00	7.44

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	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	17.00	1.90			2.71	8.00	47.06

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	237.00	25.90	3.00	0.96			
10	25-29	Current MRTP	40.00	4.37					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	50.00	5.46			4.34	18.00	36.00

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	483.00	50.42					
10	30-34	Current CC	237.00	24.74	8.00	2.48			
10	30-34	Current MRTP	55.00	5.74					
10	30-34	Current Dual	30.00	3.13					
10	30-34	Former	153.00	15.97			7.68	17.00	11.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	297.00	27.65	15.00	4.13			
10	35-39	Current MRTP	51.00	4.75					
10	35-39	Current Dual	15.00	1.40					
10	35-39	Former	237.00	22.07			9.51	20.00	8.44

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	278.00	25.67	25.00	7.53			
10	40-44	Current MRTP	42.00	3.88					
10	40-44	Current Dual	12.00	1.11					
10	40-44	Former	281.00	25.95			11.01	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	402.00	41.32					
10	45-49	Current CC	244.00	25.08	19.00	6.93			
10	45-49	Current MRTP	26.00	2.67					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	297.00	30.52			15.38	19.00	6.40

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 17 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	189.00	22.00	30.00	12.66			
10	50-54	Current MRTP	36.00	4.19					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	314.00	36.55			16.86	12.00	3.82
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	158.00	25.08	23.00	12.30			
10	55-59	Current MRTP	26.00	4.13					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	251.00	39.84			20.17	13.00	5.18
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	113.00	21.56	13.00	10.16			
10	60-64	Current MRTP	8.00	1.53					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	241.00	45.99			19.46	14.00	5.81
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	95.00	18.45	17.00	15.18			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	262.00	50.87			21.13	19.00	7.25
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	100.00	20.00	29.00	24.58			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	262.00	52.40			24.32	18.00	6.87
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	54.00	12.05	19.00	26.39			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	4.00	0.89					
10	75-79	Former	270.00	60.27			25.16	13.00	4.81
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	1866.00	20.90	255.00	10.32			
15	All Ages	Current MRTP	439.00	4.92					
15	All Ages	Current Dual	166.00	1.86					
15	All Ages	Former	2600.00	29.13			18.33	169.00	6.50
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	176.00	19.64	1.00	0.41			
15	25-29	Current MRTP	47.00	5.25					
15	25-29	Current Dual	23.00	2.57					
15	25-29	Former	42.00	4.69			4.05	14.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 17 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	205.00	22.40	6.00	2.00			
15	30-34	Current MRTP	59.00	6.45					
15	30-34	Current Dual	36.00	3.93					
15	30-34	Former	95.00	10.38			5.37	22.00	23.16
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	212.00	22.13	16.00	5.26			
15	35-39	Current MRTP	59.00	6.16					
15	35-39	Current Dual	33.00	3.44					
15	35-39	Former	186.00	19.42			10.01	23.00	12.37
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	246.00	22.91	24.00	7.38			
15	40-44	Current MRTP	61.00	5.68					
15	40-44	Current Dual	18.00	1.68					
15	40-44	Former	277.00	25.79			12.13	20.00	7.22
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	470.00	43.40					
15	45-49	Current CC	246.00	22.71	34.00	10.76			
15	45-49	Current MRTP	56.00	5.17					
15	45-49	Current Dual	14.00	1.29					
15	45-49	Former	297.00	27.42			14.69	10.00	3.37
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	201.00	20.66	26.00	10.57			
15	50-54	Current MRTP	37.00	3.80					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	325.00	33.40			18.13	16.00	4.92
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	161.00	18.74	33.00	15.57			
15	55-59	Current MRTP	44.00	5.12					
15	55-59	Current Dual	7.00	0.81					
15	55-59	Former	339.00	39.46			19.60	22.00	6.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	143.00	22.70	32.00	17.98			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	260.00	41.27			22.90	12.00	4.62
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	103.00	19.66	24.00	19.20			
15	65-69	Current MRTP	9.00	1.72					
15	65-69	Current Dual	13.00	2.48					
15	65-69	Former	244.00	46.56			22.40	8.00	3.28
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	26.00	23.64			
15	70-74	Current MRTP	18.00	3.50					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	264.00	51.26			24.42	9.00	3.41
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	87.00	17.40	33.00	30.28			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	3.00	0.60					
15	75-79	Former	271.00	54.20			25.81	13.00	4.80
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1515.00	17.98	281.00	13.17			

Results for PHIM for Run 17 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	450.00	5.34					
20	All Ages	Current Dual	169.00	2.01					
20	All Ages	Former	2617.00	31.05			18.92	186.00	7.11

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	162.00	18.08	6.00	2.46			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	29.00	3.24					
20	30-34	Former	77.00	8.59			5.74	15.00	19.48

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	176.00	19.23	14.00	5.02			
20	35-39	Current MRTP	69.00	7.54					
20	35-39	Current Dual	34.00	3.72					
20	35-39	Former	134.00	14.64			7.28	23.00	17.16

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	183.00	19.10	21.00	7.61			
20	40-44	Current MRTP	59.00	6.16					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	223.00	23.28			12.26	16.00	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	472.00	43.95					
20	45-49	Current CC	218.00	20.30	30.00	10.38			
20	45-49	Current MRTP	57.00	5.31					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	313.00	29.14			14.57	23.00	7.35

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	197.00	18.19	39.00	14.44			
20	50-54	Current MRTP	64.00	5.91					
20	50-54	Current Dual	9.00	0.83					
20	50-54	Former	343.00	31.67			16.55	23.00	6.71

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	173.00	17.78	31.00	14.03			
20	55-59	Current MRTP	40.00	4.11					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	350.00	35.97			20.56	21.00	6.00

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	137.00	15.95	40.00	20.73			
20	60-64	Current MRTP	45.00	5.24					

Results for PHIM for Run 17 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	11.00	1.28					
20	60-64	Former	358.00	41.68			21.87	19.00	5.31

Year of follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	115.00	18.25	41.00	25.95			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.02	15.00	5.36

Year of follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	88.00	16.79	32.00	27.35			
20	70-74	Current MRTP	17.00	3.24					
20	70-74	Current Dual	12.00	2.29					
20	70-74	Former	252.00	48.09			24.90	9.00	3.57

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	66.00	12.82	27.00	31.03			
20	75-79	Current MRTP	13.00	2.52					
20	75-79	Current Dual	8.00	1.55					
20	75-79	Former	287.00	55.73			24.71	22.00	7.67

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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	124087.408	45.175	0.014	0.036	4845.61	1920.39	1919.69	0.699
1992	308577	122143.718	121974.193	169.525	0.055	0.139	4692.62	1857.47	1854.90	2.578
1993	311713	123269.216	122899.168	370.048	0.119	0.300	4656.77	1841.55	1836.02	5.528
1994	305700	120480.723	119908.334	572.389	0.187	0.475	4482.57	1766.64	1758.25	8.393
1995	303225	118666.569	117856.297	810.272	0.267	0.683	4361.58	1706.89	1695.24	11.655
1996	299559	116607.195	115605.496	1001.698	0.334	0.859	4242.85	1651.58	1637.40	14.188
1997	294226	114665.051	113533.523	1131.529	0.385	0.987	4100.64	1598.09	1582.32	15.770
1998	289258	113038.380	111673.931	1364.449	0.472	1.207	3966.28	1549.97	1531.26	18.709
1999	311002	117067.463	115133.422	1934.040	0.622	1.652	4198.14	1580.27	1554.16	26.107
2000	303786	114977.407	112812.433	2164.974	0.713	1.883	4041.13	1529.49	1500.69	28.800
2001	296294	113047.319	110670.787	2376.532	0.802	2.102	3890.54	1484.39	1453.18	31.205
2002	291898	111744.742	109135.918	2608.824	0.894	2.335	3789.34	1450.64	1416.77	33.867
2003	285865	110551.854	107628.730	2923.123	1.023	2.644	3671.31	1419.80	1382.25	37.541
2004	274177	107418.262	104410.062	3008.200	1.097	2.800	3481.92	1364.16	1325.96	38.203
2005	272379	107678.770	104515.944	3162.825	1.161	2.937	3417.44	1351.01	1311.32	39.683
2006	264118	104357.806	101110.531	3247.276	1.229	3.112	3281.83	1296.71	1256.36	40.349
2007	258419	102690.449	99222.641	3467.808	1.342	3.377	3176.05	1262.10	1219.48	42.621
2008	259461	103492.166	99542.158	3950.008	1.522	3.817	3150.91	1256.82	1208.85	47.969
2009	253907	101384.044	97142.738	4241.306	1.670	4.183	3045.20	1215.94	1165.07	50.868

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	2234693.677	38550.00	0.663	1.696	3927.78	1535.76	1509.71	26.044

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63057.182	11.604	0.015	0.018	1213.84	975.702	975.523	0.180
1992	77987	62535.347	62500.268	35.080	0.045	0.056	1185.97	950.993	950.460	0.533
1993	78542	62883.111	62813.280	69.831	0.089	0.111	1173.36	939.428	938.385	1.043
1994	77437	61805.804	61695.027	110.778	0.143	0.179	1135.48	906.276	904.652	1.624
1995	76904	61145.799	60984.974	160.826	0.209	0.263	1106.18	879.519	877.205	2.313
1996	76232	60385.323	60183.881	201.442	0.264	0.334	1079.72	855.277	852.424	2.853
1997	75473	59549.806	59337.259	212.546	0.282	0.357	1051.87	829.947	826.985	2.962
1998	75381	59292.315	58999.770	292.545	0.388	0.493	1033.62	813.010	808.999	4.011
1999	73159	57398.351	57015.358	382.994	0.524	0.667	987.557	774.807	769.637	5.170
2000	73784	57716.549	57250.040	466.508	0.632	0.808	981.515	767.777	761.571	6.206
2001	73294	57211.877	56684.552	527.326	0.719	0.922	962.399	751.230	744.306	6.924
2002	72442	56438.810	55856.596	582.214	0.804	1.032	940.422	732.673	725.115	7.558
2003	71942	55948.341	55309.316	639.025	0.888	1.142	923.937	718.533	710.327	8.207
2004	71301	55339.218	54658.428	680.790	0.955	1.230	905.490	702.783	694.137	8.646
2005	70964	54964.459	54267.710	696.750	0.982	1.268	890.360	689.620	680.878	8.742
2006	69658	53781.526	53075.727	705.800	1.013	1.312	865.543	668.268	659.498	8.770
2007	68565	52784.985	52034.446	750.539	1.095	1.422	842.687	648.745	639.521	9.224
2008	68226	52470.692	51594.499	876.193	1.284	1.670	828.542	637.208	626.567	10.641
2009	67509	51823.021	50873.098	949.923	1.407	1.833	809.661	621.533	610.141	11.393

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	1151635.817	8352.711	0.566	0.720	997.213	783.665	778.022	5.643

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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	37043.325	24.060	0.014	0.065	2599.72	573.449	573.077	0.372
1992	164548	35863.851	35762.080	101.771	0.062	0.284	2502.33	545.392	543.844	1.548
1993	164362	35459.800	35230.388	229.412	0.140	0.647	2455.45	529.744	526.316	3.427
1994	159866	34293.631	33950.227	343.405	0.215	1.001	2344.16	502.857	497.822	5.035
1995	158083	33531.695	33058.498	473.197	0.299	1.411	2273.86	482.318	475.512	6.806
1996	154875	32438.163	31864.388	573.775	0.370	1.769	2193.60	459.443	451.316	8.127
1997	149970	31179.663	30515.539	664.123	0.443	2.130	2090.14	434.552	425.296	9.256
1998	145407	29860.736	29113.297	747.439	0.514	2.503	1993.81	409.447	399.198	10.249
1999	165952	34413.904	33321.569	1092.335	0.658	3.174	2240.15	464.545	449.800	14.745
2000	160260	33265.290	32085.733	1179.558	0.736	3.546	2131.87	442.513	426.822	15.691
2001	154444	32074.102	30798.314	1275.787	0.826	3.978	2027.95	421.154	404.402	16.752
2002	151887	31817.956	30418.886	1399.070	0.921	4.397	1971.76	413.052	394.890	18.162
2003	146733	31025.931	29435.008	1590.924	1.084	5.128	1884.46	398.460	378.028	20.432
2004	138381	29503.602	27868.635	1634.967	1.181	5.542	1757.38	374.682	353.919	20.763
2005	135881	29077.894	27350.430	1727.464	1.271	5.941	1704.85	364.830	343.156	21.674
2006	131922	28385.448	26564.362	1821.085	1.380	6.416	1639.21	352.707	330.078	22.628
2007	126502	27327.625	25387.274	1940.352	1.534	7.100	1554.75	335.866	312.018	23.848
2008	125859	27025.472	24885.490	2139.982	1.700	7.918	1528.44	328.199	302.211	25.988
2009	122428	26361.626	24063.501	2298.124	1.877	8.718	1468.33	316.165	288.603	27.562

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	617099.841	21256.83	0.709	3.330	2024.64	431.261	416.900	14.361

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4484.530	3.453	0.011	0.077	504.630	69.431	69.378	0.053
1992	32100	4371.196	4356.686	14.510	0.045	0.332	488.154	66.474	66.253	0.221
1993	32896	4414.136	4378.351	35.785	0.109	0.811	491.442	65.944	65.409	0.535
1994	33323	4474.895	4415.705	59.191	0.178	1.323	488.625	65.617	64.749	0.868
1995	33569	4476.290	4388.962	87.329	0.260	1.951	482.855	64.387	63.131	1.256
1996	33870	4489.078	4374.721	114.357	0.338	2.547	479.723	63.582	61.962	1.620
1997	33516	4444.866	4304.124	140.742	0.420	3.166	467.113	61.948	59.987	1.962
1998	32795	4313.427	4169.080	144.347	0.440	3.346	449.682	59.145	57.166	1.979
1999	33375	4232.739	4056.241	176.498	0.529	4.170	450.521	57.137	54.754	2.383
2000	33459	4307.577	4122.441	185.136	0.553	4.298	445.090	57.302	54.839	2.463
2001	32275	4136.308	3946.503	189.805	0.588	4.589	423.792	54.312	51.820	2.492
2002	31586	4079.175	3880.803	198.372	0.628	4.863	410.041	52.955	50.380	2.575
2003	30985	4096.221	3852.590	243.631	0.786	5.948	397.934	52.607	49.478	3.129
2004	29884	4034.217	3787.432	246.784	0.826	6.117	379.513	51.233	48.099	3.134
2005	28708	3944.303	3690.594	253.708	0.884	6.432	360.189	49.488	46.305	3.183
2006	28188	3970.169	3691.978	278.192	0.987	7.007	350.253	49.332	45.875	3.457
2007	28026	3957.558	3648.283	309.275	1.104	7.815	344.449	48.640	44.839	3.801
2008	27128	3812.302	3497.693	314.608	1.160	8.252	329.444	46.297	42.476	3.821
2009	27068	3827.467	3471.703	355.764	1.314	9.295	324.637	45.904	41.637	4.267

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	81106.016	3351.488	0.533	3.968	424.421	57.058	54.794	2.264

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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	19502.372	6.059	0.018	0.031	527.418	301.804	301.710	0.094
1992	33942	19373.324	19355.159	18.165	0.054	0.094	516.166	294.616	294.339	0.276
1993	35913	20512.169	20477.148	35.021	0.098	0.171	536.514	306.437	305.914	0.523
1994	35074	19906.392	19847.376	59.016	0.168	0.296	514.300	291.893	291.028	0.865
1995	34669	19512.784	19423.864	88.920	0.256	0.456	498.677	280.671	279.392	1.279
1996	34582	19294.631	19182.506	112.124	0.324	0.581	489.808	273.283	271.694	1.588
1997	35267	19490.717	19376.599	114.117	0.324	0.585	491.517	271.643	270.052	1.590
1998	35675	19571.902	19391.784	180.118	0.505	0.920	489.172	268.368	265.898	2.470
1999	38516	21022.469	20740.255	282.213	0.733	1.342	519.919	283.777	279.968	3.810
2000	36283	19687.992	19354.220	333.772	0.920	1.695	482.656	261.900	257.460	4.440
2001	36281	19625.032	19241.418	383.614	1.057	1.955	476.394	257.690	252.653	5.037
2002	35983	19408.801	18979.633	429.168	1.193	2.211	467.122	251.960	246.388	5.571
2003	36205	19481.360	19031.817	449.543	1.242	2.308	464.974	250.195	244.422	5.773
2004	34611	18541.224	18095.567	445.657	1.288	2.404	439.544	235.465	229.805	5.660
2005	36826	19692.114	19207.211	484.903	1.317	2.462	462.043	247.070	240.986	6.084
2006	34350	18220.663	17778.464	442.199	1.287	2.427	426.820	226.403	220.908	5.495
2007	35326	18620.282	18152.639	467.643	1.324	2.511	434.168	228.849	223.102	5.747
2008	38248	20183.701	19564.476	619.225	1.619	3.068	464.487	245.112	237.592	7.520
2009	36902	19371.930	18734.436	637.493	1.728	3.291	442.580	232.335	224.689	7.646

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	384852.003	5588.971	0.784	1.431	481.512	263.774	259.998	3.776

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN9
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 18, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 18, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000800	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000800	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000800	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000800	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000800	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000800	0.008000

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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: 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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1957.00	21.55	108.00	4.90			
5	All Ages	Current MRTP	177.00	1.95					
5	All Ages	Current Dual	68.00	0.75					
5	All Ages	Former	1996.00	21.98			14.76	121.00	6.06

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.50	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	20.00	2.37			3.00	8.00	40.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	198.00	23.83	9.00	3.78			
5	25-29	Current MRTP	25.00	3.01					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	136.00	16.37			5.46	12.00	8.82
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	270.00	27.03	13.00	4.38			
5	30-34	Current MRTP	19.00	1.90					
5	30-34	Current Dual	8.00	0.80					
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	550.00	49.02					
5	35-39	Current CC	289.00	25.76	8.00	2.45			
5	35-39	Current MRTP	30.00	2.67					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	245.00	21.84			8.32	19.00	7.76
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.44			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	256.00	26.39			11.41	16.00	6.25
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	165.00	20.35	9.00	4.92			
5	45-49	Current MRTP	11.00	1.36					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	206.00	25.40			11.14	15.00	7.28
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	143.00	23.03	10.00	6.41			
5	50-54	Current MRTP	12.00	1.93					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	164.00	26.41			15.48	11.00	6.71
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	118.00	22.06	7.00	5.34			
5	55-59	Current MRTP	12.00	2.24					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	152.00	28.41			15.36	4.00	2.63
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	10.00	8.77			
5	65-69	Current MRTP	8.00	1.49					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	162.00	30.22			21.52	9.00	5.56
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	11.00	13.25			
5	70-74	Current MRTP	7.00	1.30					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	176.00	32.65			24.70	6.00	3.41

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	11.00	18.64			
5	75-79	Current MRTP	8.00	1.65					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	160.00	32.92			28.00	3.00	1.88

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1753.00	19.24	167.00	7.71			
10	All Ages	Current MRTP	288.00	3.16					
10	All Ages	Current Dual	124.00	1.36					
10	All Ages	Former	2075.00	22.78			15.84	139.00	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	632.00	77.74					
10	20-24	Current CC	136.00	16.73	0.00	0.00			
10	20-24	Current MRTP	17.00	2.09					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	16.00	1.97			3.44	4.00	25.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	202.00	23.93	5.00	1.85			
10	25-29	Current MRTP	43.00	5.09					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	47.00	5.57			4.02	17.00	36.17

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	175.00	21.06	11.00	4.66			
10	30-34	Current MRTP	35.00	4.21					
10	30-34	Current Dual	26.00	3.13					
10	30-34	Former	172.00	20.70			8.26	22.00	12.79

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	493.00	49.35					
10	35-39	Current CC	233.00	23.32	21.00	7.24			
10	35-39	Current MRTP	39.00	3.90					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	216.00	21.62			10.36	19.00	8.80

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	240.00	21.39	18.00	6.19			
10	40-44	Current MRTP	37.00	3.30					
10	40-44	Current Dual	14.00	1.25					
10	40-44	Former	291.00	25.94			10.95	21.00	7.22

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	172.00	17.73	21.00	10.14			
10	45-49	Current MRTP	27.00	2.78					
10	45-49	Current Dual	8.00	0.82					
10	45-49	Former	274.00	28.25			14.92	9.00	3.28

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 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	143.00	17.63	16.00	9.70			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	224.00	27.62			14.21	11.00	4.91
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	121.00	19.48	15.00	10.71			
10	55-59	Current MRTP	15.00	2.42					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	180.00	28.99			17.99	8.00	4.44
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	9.00	7.69			
10	60-64	Current MRTP	14.00	2.62					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	166.00	31.03			18.27	5.00	3.01
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	87.00	17.83	11.00	11.00			
10	65-69	Current MRTP	11.00	2.25					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.98	4.00	2.90
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	82.00	15.30	14.00	13.86			
10	70-74	Current MRTP	16.00	2.99					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	175.00	32.65			23.70	11.00	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	61.00	11.32	26.00	31.33			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	6.00	1.11					
10	75-79	Former	176.00	32.65			27.19	8.00	4.55
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1449.00	16.91	202.00	10.30			
15	All Ages	Current MRTP	352.00	4.11					
15	All Ages	Current Dual	160.00	1.87					
15	All Ages	Former	2146.00	25.04			16.84	142.00	6.62
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	143.00	17.59	3.00	1.46			
15	25-29	Current MRTP	41.00	5.04					
15	25-29	Current Dual	22.00	2.71					
15	25-29	Former	38.00	4.67			3.95	13.00	34.21
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	181.00	21.45	9.00	3.26			
15	30-34	Current MRTP	60.00	7.11					
15	30-34	Current Dual	35.00	4.15					
15	30-34	Former	86.00	10.19			5.44	20.00	23.26
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	145.00	17.45	19.00	8.88			
15	35-39	Current MRTP	41.00	4.93					
15	35-39	Current Dual	28.00	3.37					
15	35-39	Former	208.00	25.03			10.81	20.00	9.62
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	199.00	19.92	29.00	10.90			
15	40-44	Current MRTP	46.00	4.60					
15	40-44	Current Dual	21.00	2.10					
15	40-44	Former	244.00	24.42			13.19	14.00	5.74
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	540.00	48.13					
15	45-49	Current CC	199.00	17.74	23.00	8.85			
15	45-49	Current MRTP	45.00	4.01					
15	45-49	Current Dual	16.00	1.43					
15	45-49	Former	322.00	28.70			14.11	13.00	4.04
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	139.00	14.33	28.00	15.05			
15	50-54	Current MRTP	35.00	3.61					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	295.00	30.41			17.74	14.00	4.75
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	124.00	15.29	18.00	12.24			
15	55-59	Current MRTP	16.00	1.97					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	242.00	29.84			17.11	13.00	5.37
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	97.00	15.62	17.00	13.82			
15	60-64	Current MRTP	20.00	3.22					
15	60-64	Current Dual	6.00	0.97					
15	60-64	Former	197.00	31.72			20.35	5.00	2.54
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	90.00	16.82	22.00	19.82			
15	65-69	Current MRTP	17.00	3.18					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	172.00	32.15			21.35	7.00	4.07
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	66.00	13.52	13.00	15.48			
15	70-74	Current MRTP	13.00	2.66					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	154.00	31.56			24.37	11.00	7.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	66.00	12.31	21.00	23.86			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	188.00	35.07			24.97	12.00	6.38
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1184.00	14.74	224.00	13.24			

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	362.00	4.51					
20	All Ages	Current Dual	146.00	1.82					
20	All Ages	Former	2198.00	27.36			18.08	137.00	6.23

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	132.00	16.24	4.00	1.96			
20	30-34	Current MRTP	49.00	6.03					
20	30-34	Current Dual	23.00	2.83					
20	30-34	Former	73.00	8.98			5.58	14.00	19.18

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	149.00	17.65	12.00	4.86			
20	35-39	Current MRTP	69.00	8.18					
20	35-39	Current Dual	29.00	3.44					
20	35-39	Former	131.00	15.52			7.07	23.00	17.56

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	120.00	14.44	23.00	11.86			
20	40-44	Current MRTP	46.00	5.54					
20	40-44	Current Dual	28.00	3.37					
20	40-44	Former	238.00	28.64			13.74	11.00	4.62

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	176.00	17.62	30.00	12.66			
20	45-49	Current MRTP	44.00	4.40					
20	45-49	Current Dual	17.00	1.70					
20	45-49	Former	273.00	27.33			15.79	13.00	4.76

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	168.00	14.97	31.00	13.54			
20	50-54	Current MRTP	46.00	4.10					
20	50-54	Current Dual	15.00	1.34					
20	50-54	Former	353.00	31.46			16.72	22.00	6.23

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	118.00	12.16	32.00	19.63			
20	55-59	Current MRTP	34.00	3.51					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	318.00	32.78			20.25	13.00	4.09

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	102.00	12.58	24.00	18.46			
20	60-64	Current MRTP	22.00	2.71					

Results for PHIM for Run 18 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	6.00	0.74					
20	60-64	Former	259.00	31.94			19.91	13.00	5.02

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	86.00	13.85	22.00	19.30			
20	65-69	Current MRTP	23.00	3.70					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	206.00	33.17			23.29	6.00	2.91

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	75.00	14.02	21.00	22.34			
20	70-74	Current MRTP	16.00	2.99					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	189.00	35.33			23.43	12.00	6.35

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	31.25			
20	75-79	Current MRTP	13.00	2.66					
20	75-79	Current Dual	9.00	1.84					
20	75-79	Former	158.00	32.38			26.01	10.00	6.33

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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	59111.056	16.805	0.008	0.028	2826.86	839.248	839.009	0.239
1992	198532	60226.142	60207.316	18.826	0.009	0.031	2778.64	842.922	842.659	0.263
1993	202512	62332.320	62283.644	48.676	0.024	0.078	2793.47	859.818	859.146	0.671
1994	200658	62691.239	62624.907	66.332	0.033	0.106	2725.82	851.622	850.721	0.901
1995	201023	63132.954	63021.052	111.903	0.056	0.177	2687.54	844.043	842.547	1.496
1996	201180	64309.880	64235.752	74.128	0.037	0.115	2653.67	848.280	847.302	0.978
1997	198639	64547.894	64394.972	152.922	0.077	0.237	2583.39	839.475	837.486	1.989
1998	197573	65384.866	65118.715	266.151	0.135	0.407	2533.29	838.367	834.954	3.413
1999	211329	67554.762	67137.651	417.111	0.197	0.617	2673.14	854.513	849.237	5.276
2000	208496	68184.366	67651.339	533.027	0.256	0.782	2604.20	851.652	844.994	6.658
2001	203606	68286.060	67554.365	731.695	0.359	1.072	2514.65	843.372	834.335	9.037
2002	200828	68983.996	68172.333	811.663	0.404	1.177	2455.47	843.450	833.526	9.924
2003	196352	68717.830	67649.076	1068.755	0.544	1.555	2377.49	832.057	819.117	12.941
2004	188160	67344.952	65975.961	1368.991	0.728	2.033	2254.66	806.974	790.569	16.404
2005	186416	67846.650	66238.890	1607.760	0.862	2.370	2208.07	803.634	784.590	19.044
2006	180088	66622.465	64504.284	2118.181	1.176	3.179	2113.55	781.893	757.034	24.859
2007	175644	65977.201	63526.246	2450.955	1.395	3.715	2039.92	766.256	737.791	28.465
2008	177570	67121.344	64401.691	2719.652	1.532	4.052	2039.03	770.751	739.521	31.230
2009	172806	66622.993	63499.084	3123.909	1.808	4.689	1961.22	756.123	720.669	35.454

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1284608.923	17707.44	0.454	1.360	2465.77	823.300	812.106	11.194

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31524.455	5.564	0.013	0.018	620.154	447.530	447.451	0.079
1992	45423	32811.446	32807.331	4.115	0.009	0.013	635.738	459.227	459.170	0.058
1993	46291	33467.735	33459.000	8.736	0.019	0.026	638.542	461.657	461.536	0.121
1994	47017	33989.389	33980.948	8.441	0.018	0.025	638.697	461.725	461.610	0.115
1995	47840	34566.580	34547.532	19.048	0.040	0.055	639.587	462.131	461.876	0.255
1996	48244	34997.958	35000.126	-2.168	-0.004	-0.006	636.363	461.641	461.669	-0.029
1997	49035	35549.658	35529.955	19.703	0.040	0.055	637.723	462.340	462.083	0.256
1998	49686	36138.033	36093.798	44.236	0.089	0.122	637.076	463.363	462.796	0.567
1999	48883	35506.142	35440.581	65.561	0.134	0.185	618.331	449.124	448.295	0.829
2000	50331	36573.306	36472.396	100.911	0.200	0.276	628.656	456.816	455.556	1.260
2001	50389	36733.445	36584.660	148.785	0.295	0.405	622.333	453.679	451.842	1.838
2002	51445	37627.700	37446.797	180.903	0.352	0.481	629.005	460.065	457.853	2.212
2003	51408	37552.784	37283.592	269.192	0.524	0.717	622.464	454.701	451.442	3.259
2004	51399	37527.823	37160.451	367.372	0.715	0.979	615.898	449.684	445.282	4.402
2005	51421	37486.186	37054.308	431.878	0.840	1.152	609.074	444.018	438.903	5.116
2006	51355	37409.496	36787.641	621.855	1.211	1.662	602.712	439.045	431.747	7.298
2007	51839	37602.867	36859.488	743.379	1.434	1.977	602.056	436.718	428.084	8.634
2008	50976	36986.957	36189.008	797.949	1.565	2.157	585.355	424.719	415.557	9.163
2009	51193	37201.944	36239.563	962.382	1.880	2.587	581.003	422.215	411.293	10.922

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	707106.998	4797.841	0.489	0.674	619.890	450.053	447.020	3.033

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12658.988	3.992	0.004	0.032	1368.32	179.735	179.679	0.057
1992	93721	12337.995	12328.821	9.174	0.010	0.074	1311.71	172.682	172.554	0.128
1993	93679	12401.934	12374.793	27.141	0.029	0.219	1292.22	171.073	170.699	0.374
1994	90832	12128.576	12084.157	44.418	0.049	0.366	1233.90	164.759	164.156	0.603
1995	89698	11958.696	11895.024	63.672	0.071	0.532	1199.20	159.879	159.028	0.851
1996	88286	12020.749	11947.542	73.207	0.083	0.609	1164.54	158.560	157.594	0.966
1997	84777	11593.724	11482.911	110.812	0.131	0.956	1102.56	150.782	149.341	1.441
1998	82517	11337.035	11169.840	167.195	0.203	1.475	1058.04	145.364	143.220	2.144
1999	93939	13027.458	12755.696	271.761	0.289	2.086	1188.25	164.787	161.349	3.438
2000	90039	12607.547	12304.962	302.585	0.336	2.400	1124.63	157.474	153.694	3.779
2001	86119	12350.451	11945.225	405.226	0.471	3.281	1063.62	152.535	147.530	5.005
2002	83014	12112.097	11668.724	443.373	0.534	3.661	1014.99	148.092	142.671	5.421
2003	79302	11683.252	11166.502	516.750	0.652	4.423	960.214	141.465	135.208	6.257
2004	73861	11139.095	10514.617	624.478	0.845	5.606	885.053	133.476	125.993	7.483
2005	71649	10884.683	10183.522	701.161	0.979	6.442	848.672	128.927	120.622	8.305
2006	67551	10397.565	9555.307	842.258	1.247	8.101	792.791	122.028	112.143	9.885
2007	63503	9785.831	8839.932	945.899	1.490	9.666	737.521	113.652	102.667	10.986
2008	63171	9922.524	8879.970	1042.554	1.650	10.507	725.389	113.940	101.968	11.972
2009	59747	9483.598	8353.151	1130.446	1.892	11.920	678.085	107.632	94.802	12.830

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	224756.446	7726.103	0.468	3.323	1043.56	146.971	142.087	4.884

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.716	2.300	0.007	0.074	461.369	44.228	44.195	0.033
1992	32560	3095.448	3092.526	2.922	0.009	0.094	455.708	43.324	43.283	0.041
1993	32768	3114.516	3106.498	8.018	0.024	0.257	452.005	42.962	42.851	0.111
1994	33005	3168.398	3155.894	12.505	0.038	0.395	448.353	43.041	42.871	0.170
1995	33730	3200.274	3180.427	19.847	0.059	0.620	450.946	42.785	42.520	0.265
1996	33750	3234.738	3210.332	24.407	0.072	0.755	445.180	42.668	42.346	0.322
1997	33699	3240.665	3211.863	28.801	0.085	0.889	438.271	42.146	41.772	0.375
1998	33274	3171.578	3122.766	48.812	0.147	1.539	426.640	40.666	40.040	0.626
1999	33891	3153.786	3081.328	72.459	0.214	2.298	428.694	39.893	38.976	0.917
2000	33827	3237.043	3141.829	95.214	0.281	2.941	422.514	40.432	39.243	1.189
2001	32506	3110.972	2986.761	124.211	0.382	3.993	401.468	38.422	36.888	1.534
2002	32078	3123.298	2983.755	139.542	0.435	4.468	392.210	38.188	36.482	1.706
2003	30568	3025.984	2867.175	158.809	0.520	5.248	370.127	36.640	34.717	1.923
2004	29388	2983.453	2782.052	201.401	0.685	6.751	352.147	35.750	33.336	2.413
2005	27954	2926.679	2700.237	226.442	0.810	7.737	331.111	34.666	31.984	2.682
2006	27201	2889.308	2624.004	265.304	0.975	9.182	319.236	33.909	30.796	3.114
2007	26302	2810.025	2506.474	303.552	1.154	10.802	305.470	32.636	29.110	3.525
2008	25998	2773.025	2449.335	323.689	1.245	11.673	298.534	31.843	28.126	3.717
2009	25040	2723.293	2360.139	363.154	1.450	13.335	284.186	30.907	26.786	4.122

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	58870.355	2421.388	0.388	3.951	394.195	38.747	37.217	1.531

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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	11813.898	4.950	0.019	0.042	377.015	167.754	167.684	0.070
1992	26828	11981.252	11978.638	2.614	0.010	0.022	375.483	167.689	167.652	0.037
1993	29774	13348.134	13343.353	4.781	0.016	0.036	410.705	184.125	184.059	0.066
1994	29804	13404.876	13403.908	0.968	0.003	0.007	404.869	182.097	182.084	0.013
1995	29755	13407.404	13398.069	9.336	0.031	0.070	397.803	179.248	179.123	0.125
1996	30900	14056.435	14077.752	-21.317	-0.069	-0.152	407.587	185.412	185.693	-0.281
1997	31128	14163.848	14170.242	-6.394	-0.021	-0.045	404.834	184.207	184.290	-0.083
1998	32096	14738.220	14732.312	5.908	0.018	0.040	411.536	188.974	188.898	0.076
1999	34616	15867.376	15860.046	7.330	0.021	0.046	437.865	200.710	200.617	0.093
2000	34299	15766.470	15732.152	34.317	0.100	0.218	428.409	196.930	196.501	0.429
2001	34592	16091.193	16037.720	53.473	0.155	0.332	427.231	198.736	198.075	0.660
2002	34291	16120.902	16073.057	47.845	0.140	0.297	419.268	197.106	196.521	0.585
2003	35074	16455.810	16331.807	124.004	0.354	0.754	424.687	199.252	197.751	1.501
2004	33512	15694.580	15518.840	175.740	0.524	1.120	401.564	188.063	185.957	2.106
2005	35392	16549.102	16300.823	248.278	0.702	1.500	419.213	196.022	193.081	2.941
2006	33981	15926.096	15537.332	388.764	1.144	2.441	398.807	186.912	182.349	4.563
2007	34000	15778.477	15320.353	458.125	1.347	2.903	394.875	183.251	177.930	5.321
2008	37425	17438.838	16883.378	555.460	1.484	3.185	429.749	200.249	193.871	6.378
2009	36826	17214.158	16546.231	667.927	1.814	3.880	417.948	195.368	187.788	7.580

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293875.124	2762.109	0.428	0.931	408.132	187.528	185.782	1.746

Results for PHIM for Run 19 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN10
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.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	RUN10

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000

Results for PHIM for Run 19 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 19, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 19 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2403.00	26.19	139.00	5.14			
5	All Ages	Current MRTP	200.00	2.18					
5	All Ages	Current Dual	103.00	1.12					
5	All Ages	Former	2571.00	28.02			15.75	132.00	5.13

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	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 19 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	21.00	2.30					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	20.00	2.19			3.55	5.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	4.00	1.25			
5	25-29	Current MRTP	29.00	3.03					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	111.00	11.59			5.03	20.00	18.02
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	341.00	31.75	10.00	2.56			
5	30-34	Current MRTP	34.00	3.17					
5	30-34	Current Dual	15.00	1.40					
5	30-34	Former	197.00	18.34			6.47	24.00	12.18
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	328.00	30.29	15.00	4.14			
5	35-39	Current MRTP	21.00	1.94					
5	35-39	Current Dual	13.00	1.20					
5	35-39	Former	247.00	22.81			7.95	16.00	6.48
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	9.00	3.26
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	308.00	35.86					
5	45-49	Current CC	229.00	26.66	14.00	5.36			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	290.00	33.76			14.14	6.00	2.07
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	189.00	30.00	12.00	5.91			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	235.00	37.30			17.33	9.00	3.83
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	10.00	6.85			
5	55-59	Current MRTP	10.00	1.91					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	15.00	11.54			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	244.00	47.38			19.10	5.00	2.05
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	120.00	24.00					
5	65-69	Current CC	113.00	22.60	13.00	10.66			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	258.00	51.60			22.01	9.00	3.49
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_18_Vary_parameter_combinations_2nd_set.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	19.00	22.09			
5	70-74	Current MRTP	10.00	2.23					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	256.00	57.14			22.88	7.00	2.73

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	69.00	19.22	14.00	17.95			
5	75-79	Current MRTP	6.00	1.67					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	213.00	59.33			24.19	8.00	3.76

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2172.00	23.17	246.00	8.90			
10	All Ages	Current MRTP	408.00	4.35					
10	All Ages	Current Dual	185.00	1.97					
10	All Ages	Former	2527.00	26.95			17.74	147.00	5.82

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	20.00	2.23					
10	20-24	Current Dual	14.00	1.56					
10	20-24	Former	13.00	1.45			3.08	6.00	46.15

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	237.00	25.90	3.00	0.93			
10	25-29	Current MRTP	45.00	4.92					
10	25-29	Current Dual	40.00	4.37					
10	25-29	Former	40.00	4.37			4.95	12.00	30.00

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	483.00	50.42					
10	30-34	Current CC	237.00	24.74	11.00	3.24			
10	30-34	Current MRTP	69.00	7.20					
10	30-34	Current Dual	33.00	3.44					
10	30-34	Former	136.00	14.20			8.23	11.00	8.09

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	297.00	27.65	19.00	5.07			
10	35-39	Current MRTP	58.00	5.40					
10	35-39	Current Dual	20.00	1.86					
10	35-39	Former	225.00	20.95			9.85	17.00	7.56

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	279.00	25.76	30.00	8.70			
10	40-44	Current MRTP	47.00	4.34					
10	40-44	Current Dual	19.00	1.75					
10	40-44	Former	268.00	24.75			11.41	19.00	7.09

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	244.00	25.08	24.00	8.54			
10	45-49	Current MRTP	30.00	3.08					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	290.00	29.80			15.72	15.00	5.17

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	189.00	22.00	33.00	13.58			
10	50-54	Current MRTP	39.00	4.54					
10	50-54	Current Dual	15.00	1.75					
10	50-54	Former	308.00	35.86			17.13	10.00	3.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	158.00	25.08	27.00	13.92			
10	55-59	Current MRTP	30.00	4.76					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	244.00	38.73			20.73	6.00	2.46
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	112.00	21.37	15.00	11.36			
10	60-64	Current MRTP	12.00	2.29					
10	60-64	Current Dual	8.00	1.53					
10	60-64	Former	237.00	45.23			19.70	14.00	5.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	95.00	18.45	24.00	19.35			
10	65-69	Current MRTP	22.00	4.27					
10	65-69	Current Dual	7.00	1.36					
10	65-69	Former	250.00	48.54			22.03	13.00	5.20
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	100.00	20.00	32.00	26.02			
10	70-74	Current MRTP	17.00	3.40					
10	70-74	Current Dual	6.00	1.20					
10	70-74	Former	257.00	51.40			24.77	14.00	5.45
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	54.00	12.05	28.00	33.73			
10	75-79	Current MRTP	19.00	4.24					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	259.00	57.81			26.14	10.00	3.86
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	1861.00	20.85	317.00	11.95			
15	All Ages	Current MRTP	570.00	6.39					
15	All Ages	Current Dual	222.00	2.49					
15	All Ages	Former	2418.00	27.09			19.36	124.00	5.13
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	176.00	19.64	1.00	0.39			
15	25-29	Current MRTP	52.00	5.80					
15	25-29	Current Dual	27.00	3.01					
15	25-29	Former	33.00	3.68			4.06	11.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 19 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	205.00	22.40	6.00	1.85			
15	30-34	Current MRTP	75.00	8.20					
15	30-34	Current Dual	45.00	4.92					
15	30-34	Former	70.00	7.65			6.00	13.00	18.57
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	211.00	22.03	20.00	5.99			
15	35-39	Current MRTP	85.00	8.87					
15	35-39	Current Dual	38.00	3.97					
15	35-39	Former	156.00	16.28			10.94	17.00	10.90
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	247.00	23.00	29.00	8.43			
15	40-44	Current MRTP	73.00	6.80					
15	40-44	Current Dual	24.00	2.23					
15	40-44	Former	258.00	24.02			12.60	18.00	6.98
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	245.00	22.62	43.00	12.84			
15	45-49	Current MRTP	67.00	6.19					
15	45-49	Current Dual	23.00	2.12					
15	45-49	Former	278.00	25.67			15.33	7.00	2.52
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	201.00	20.66	28.00	11.02			
15	50-54	Current MRTP	44.00	4.52					
15	50-54	Current Dual	9.00	0.92					
15	50-54	Former	317.00	32.58			18.46	14.00	4.42
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	160.00	18.63	45.00	19.40			
15	55-59	Current MRTP	57.00	6.64					
15	55-59	Current Dual	15.00	1.75					
15	55-59	Former	319.00	37.14			20.59	16.00	5.02
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	143.00	22.70	36.00	18.75			
15	60-64	Current MRTP	42.00	6.67					
15	60-64	Current Dual	7.00	1.11					
15	60-64	Former	246.00	39.05			24.02	8.00	3.25
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	101.00	19.27	28.00	21.05			
15	65-69	Current MRTP	16.00	3.05					
15	65-69	Current Dual	16.00	3.05					
15	65-69	Former	236.00	45.04			22.96	5.00	2.12
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	85.00	16.50	36.00	28.80			
15	70-74	Current MRTP	30.00	5.83					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	249.00	48.35			25.52	7.00	2.81
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	87.00	17.40	45.00	36.29			
15	75-79	Current MRTP	29.00	5.80					
15	75-79	Current Dual	8.00	1.60					
15	75-79	Former	256.00	51.20			27.14	8.00	3.13
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1504.00	17.85	361.00	14.87			

Results for PHIM for Run 19 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	679.00	8.06					
20	All Ages	Current Dual	244.00	2.90					
20	All Ages	Former	2324.00	27.58			20.53	128.00	5.51
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	161.00	17.97	5.00	1.87			
20	30-34	Current MRTP	67.00	7.48					
20	30-34	Current Dual	40.00	4.46					
20	30-34	Former	53.00	5.92			6.19	10.00	18.87
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	175.00	19.13	11.00	3.43			
20	35-39	Current MRTP	97.00	10.60					
20	35-39	Current Dual	49.00	5.36					
20	35-39	Former	92.00	10.05			8.07	15.00	16.30
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	459.00	47.91					
20	40-44	Current CC	182.00	19.00	26.00	8.07			
20	40-44	Current MRTP	99.00	10.33					
20	40-44	Current Dual	41.00	4.28					
20	40-44	Former	177.00	18.48			13.53	9.00	5.08
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	472.00	43.95					
20	45-49	Current CC	216.00	20.11	38.00	11.84			
20	45-49	Current MRTP	83.00	7.73					
20	45-49	Current Dual	22.00	2.05					
20	45-49	Former	281.00	26.16			15.48	16.00	5.69
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	194.00	17.91	46.00	15.44			
20	50-54	Current MRTP	87.00	8.03					
20	50-54	Current Dual	17.00	1.57					
20	50-54	Former	315.00	29.09			17.40	20.00	6.35
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	402.00	41.32					
20	55-59	Current CC	173.00	17.78	40.00	16.46			
20	55-59	Current MRTP	59.00	6.06					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	328.00	33.71			21.63	12.00	3.66
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	137.00	15.95	57.00	25.56			
20	60-64	Current MRTP	69.00	8.03					

Results for PHIM for Run 19 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	328.00	38.18			23.31	15.00	4.57

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	114.00	18.10	48.00	26.82			
20	65-69	Current MRTP	54.00	8.57					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	259.00	41.11			25.47	12.00	4.63

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	155.00	29.58					
20	70-74	Current CC	87.00	16.60	43.00	31.62			
20	70-74	Current MRTP	28.00	5.34					
20	70-74	Current Dual	21.00	4.01					
20	70-74	Former	233.00	44.47			26.45	7.00	3.00

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	65.00	12.62	47.00	40.52			
20	75-79	Current MRTP	36.00	6.99					
20	75-79	Current Dual	15.00	2.91					
20	75-79	Former	258.00	50.10			26.80	12.00	4.65

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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	124087.408	45.175	0.014	0.036	4845.61	1920.39	1919.69	0.699
1992	308577	122143.718	121979.859	163.859	0.053	0.134	4692.62	1857.47	1854.98	2.492
1993	311713	123269.216	122910.363	358.854	0.115	0.291	4656.77	1841.55	1836.19	5.361
1994	305700	120480.723	119930.735	549.988	0.180	0.456	4482.57	1766.64	1758.58	8.065
1995	303225	118666.569	117895.451	771.117	0.254	0.650	4361.58	1706.89	1695.80	11.092
1996	299559	116607.195	115660.601	946.594	0.316	0.812	4242.85	1651.58	1638.18	13.407
1997	294226	114665.051	113612.936	1052.115	0.358	0.918	4100.64	1598.09	1583.43	14.663
1998	289258	113038.380	111799.499	1238.881	0.428	1.096	3966.28	1549.97	1532.98	16.987
1999	311002	117067.463	115343.717	1723.746	0.554	1.472	4198.14	1580.27	1557.00	23.268
2000	303786	114977.407	113093.550	1883.857	0.620	1.638	4041.13	1529.49	1504.43	25.060
2001	296294	113047.319	111040.224	2007.095	0.677	1.775	3890.54	1484.39	1458.03	26.354
2002	291898	111744.742	109581.925	2162.816	0.741	1.935	3789.34	1450.64	1422.56	28.077
2003	285865	110551.854	108159.810	2392.044	0.837	2.164	3671.31	1419.80	1389.08	30.721
2004	274177	107418.262	105006.374	2411.887	0.880	2.245	3481.92	1364.16	1333.53	30.630
2005	272379	107678.770	105175.487	2503.283	0.919	2.325	3417.44	1351.01	1319.60	31.408
2006	264118	104357.806	101848.695	2509.111	0.950	2.404	3281.83	1296.71	1265.53	31.177
2007	258419	102690.449	100083.117	2607.332	1.009	2.539	3176.05	1262.10	1230.05	32.045
2008	259461	103492.166	100497.864	2994.302	1.154	2.893	3150.91	1256.82	1220.45	36.363
2009	253907	101384.044	98217.142	3166.902	1.247	3.124	3045.20	1215.94	1177.96	37.982

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	2241754.720	31488.96	0.542	1.385	3927.78	1535.76	1514.48	21.273

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63057.182	11.604	0.015	0.018	1213.84	975.702	975.523	0.180
1992	77987	62535.347	62501.201	34.147	0.044	0.055	1185.97	950.993	950.474	0.519
1993	78542	62883.111	62815.173	67.938	0.086	0.108	1173.36	939.428	938.413	1.015
1994	77437	61805.804	61699.253	106.551	0.138	0.172	1135.48	906.276	904.714	1.562
1995	76904	61145.799	60992.652	153.147	0.199	0.250	1106.18	879.519	877.316	2.203
1996	76232	60385.323	60195.360	189.962	0.249	0.315	1079.72	855.277	852.586	2.691
1997	75473	59549.806	59352.935	196.871	0.261	0.331	1051.87	829.947	827.203	2.744
1998	75381	59292.315	59025.828	266.487	0.354	0.449	1033.62	813.010	809.356	3.654
1999	73159	57398.351	57054.912	343.439	0.469	0.598	987.557	774.807	770.171	4.636
2000	73784	57716.549	57306.326	410.222	0.556	0.711	981.515	767.777	762.320	5.457
2001	73294	57211.877	56758.484	453.393	0.619	0.792	962.399	751.230	745.277	5.953
2002	72442	56438.810	55946.073	492.737	0.680	0.873	940.422	732.673	726.277	6.397
2003	71942	55948.341	55420.473	527.869	0.734	0.943	923.937	718.533	711.754	6.779
2004	71301	55339.218	54784.966	554.253	0.777	1.002	905.490	702.783	695.744	7.039
2005	70964	54964.459	54403.804	560.656	0.790	1.020	890.360	689.620	682.585	7.034
2006	69658	53781.526	53231.658	549.869	0.789	1.022	865.543	668.268	661.436	6.832
2007	68565	52784.985	52219.682	565.303	0.824	1.071	842.687	648.745	641.797	6.948
2008	68226	52470.692	51798.328	672.365	0.985	1.281	828.542	637.208	629.043	8.165
2009	67509	51823.021	51110.190	712.831	1.056	1.376	809.661	621.533	612.984	8.549

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	1153118.885	6869.644	0.465	0.592	997.213	783.665	779.024	4.641

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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 Year	Number 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	37043.325	24.060	0.014	0.065	2599.72	573.449	573.077	0.372
1992	164548	35863.851	35765.462	98.390	0.060	0.274	2502.33	545.392	543.896	1.496
1993	164362	35459.800	35236.957	222.843	0.136	0.628	2455.45	529.744	526.415	3.329
1994	159866	34293.631	33962.507	331.124	0.207	0.966	2344.16	502.857	498.002	4.855
1995	158083	33531.695	33079.702	451.993	0.286	1.348	2273.86	482.318	475.817	6.501
1996	154875	32438.163	31894.450	543.713	0.351	1.676	2193.60	459.443	451.742	7.701
1997	149970	31179.663	30561.524	618.139	0.412	1.983	2090.14	434.552	425.937	8.615
1998	145407	29860.736	29182.293	678.443	0.467	2.272	1993.81	409.447	400.145	9.303
1999	165952	34413.904	33444.244	969.660	0.584	2.818	2240.15	464.545	451.456	13.089
2000	160260	33265.290	32247.818	1017.472	0.635	3.059	2131.87	442.513	428.978	13.535
2001	154444	32074.102	31010.018	1064.084	0.689	3.318	2027.95	421.154	407.182	13.972
2002	151887	31817.956	30677.206	1140.751	0.751	3.585	1971.76	413.052	398.243	14.809
2003	146733	31025.931	29734.291	1291.640	0.880	4.163	1884.46	398.460	381.872	16.588
2004	138381	29503.602	28207.216	1296.386	0.937	4.394	1757.38	374.682	358.219	16.464
2005	135881	29077.894	27728.527	1349.367	0.993	4.641	1704.85	364.830	347.900	16.930
2006	131922	28385.448	26985.715	1399.732	1.061	4.931	1639.21	352.707	335.314	17.393
2007	126502	27327.625	25867.683	1459.943	1.154	5.342	1554.75	335.866	317.922	17.943
2008	125859	27025.472	25416.973	1608.499	1.278	5.952	1528.44	328.199	308.666	19.534
2009	122428	26361.626	24651.812	1709.814	1.397	6.486	1468.33	316.165	295.659	20.506

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	621080.621	17276.05	0.576	2.706	2024.64	431.261	419.590	11.671

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4484.530	3.453	0.011	0.077	504.630	69.431	69.378	0.053
1992	32100	4371.196	4357.234	13.962	0.043	0.319	488.154	66.474	66.262	0.212
1993	32896	4414.136	4379.472	34.664	0.105	0.785	491.442	65.944	65.426	0.518
1994	33323	4474.895	4418.136	56.759	0.170	1.268	488.625	65.617	64.784	0.832
1995	33569	4476.290	4392.971	83.320	0.248	1.861	482.855	64.387	63.188	1.198
1996	33870	4489.078	4380.329	108.749	0.321	2.423	479.723	63.582	62.041	1.540
1997	33516	4444.866	4312.213	132.653	0.396	2.984	467.113	61.948	60.099	1.849
1998	32795	4313.427	4182.241	131.186	0.400	3.041	449.682	59.145	57.346	1.799
1999	33375	4232.739	4075.156	157.582	0.472	3.723	450.521	57.137	55.010	2.127
2000	33459	4307.577	4147.438	160.139	0.479	3.718	445.090	57.302	55.171	2.130
2001	32275	4136.308	3979.885	156.423	0.485	3.782	423.792	54.312	52.259	2.054
2002	31586	4079.175	3920.449	158.726	0.503	3.891	410.041	52.955	50.894	2.061
2003	30985	4096.221	3898.056	198.165	0.640	4.838	397.934	52.607	50.062	2.545
2004	29884	4034.217	3839.416	194.800	0.652	4.829	379.513	51.233	48.759	2.474
2005	28708	3944.303	3748.687	195.616	0.681	4.959	360.189	49.488	47.033	2.454
2006	28188	3970.169	3757.114	213.055	0.756	5.366	350.253	49.332	46.684	2.647
2007	28026	3957.558	3725.470	232.088	0.828	5.864	344.449	48.640	45.787	2.852
2008	27128	3812.302	3580.917	231.384	0.853	6.069	329.444	46.297	43.487	2.810
2009	27068	3827.467	3565.377	262.090	0.968	6.848	324.637	45.904	42.761	3.143

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	81732.689	2724.815	0.434	3.226	424.421	57.058	55.217	1.841

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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	19502.372	6.059	0.018	0.031	527.418	301.804	301.710	0.094
1992	33942	19373.324	19355.963	17.361	0.051	0.090	516.166	294.616	294.352	0.264
1993	35913	20512.169	20478.761	33.408	0.093	0.163	536.514	306.437	305.938	0.499
1994	35074	19906.392	19850.839	55.553	0.158	0.279	514.300	291.893	291.079	0.815
1995	34669	19512.784	19430.127	82.657	0.238	0.424	498.677	280.671	279.482	1.189
1996	34582	19294.631	19190.462	104.169	0.301	0.540	489.808	273.283	271.807	1.475
1997	35267	19490.717	19386.264	104.453	0.296	0.536	491.517	271.643	270.187	1.456
1998	35675	19571.902	19409.137	162.765	0.456	0.832	489.172	268.368	266.136	2.232
1999	38516	21022.469	20769.404	253.065	0.657	1.204	519.919	283.777	280.361	3.416
2000	36283	19687.992	19391.968	296.024	0.816	1.504	482.656	261.900	257.962	3.938
2001	36281	19625.032	19291.837	333.194	0.918	1.698	476.394	257.690	253.315	4.375
2002	35983	19408.801	19038.198	370.602	1.030	1.909	467.122	251.960	247.149	4.811
2003	36205	19481.360	19106.990	374.370	1.034	1.922	464.974	250.195	245.387	4.808
2004	34611	18541.224	18174.776	366.449	1.059	1.976	439.544	235.465	230.811	4.654
2005	36826	19692.114	19294.469	397.644	1.080	2.019	462.043	247.070	242.081	4.989
2006	34350	18220.663	17874.208	346.455	1.009	1.901	426.820	226.403	222.098	4.305
2007	35326	18620.282	18270.283	349.999	0.991	1.880	434.168	228.849	224.548	4.302
2008	38248	20183.701	19701.646	482.054	1.260	2.388	464.487	245.112	239.258	5.854
2009	36902	19371.930	18889.763	482.167	1.307	2.489	442.580	232.335	226.552	5.783

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	712738	390440.974	385822.525	4618.449	0.648	1.183	481.512	263.774	260.654	3.120

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN10
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 20, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN10

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000800	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000800	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000800	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000800	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000800	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000800	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000800	0.002000

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 20, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1957.00	21.55	119.00	5.35			
5	All Ages	Current MRTP	193.00	2.13					
5	All Ages	Current Dual	74.00	0.81					
5	All Ages	Former	1974.00	21.74			14.92	106.00	5.37

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	19.00	2.25			3.16	7.00	36.84
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	457.00	54.99					
5	25-29	Current CC	198.00	23.83	11.00	4.56			
5	25-29	Current MRTP	26.00	3.13					
5	25-29	Current Dual	17.00	2.05					
5	25-29	Former	133.00	16.00			5.55	10.00	7.52
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	516.00	51.65					
5	30-34	Current CC	270.00	27.03	12.00	4.03			
5	30-34	Current MRTP	19.00	1.90					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	185.00	18.52			7.69	13.00	7.03
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	550.00	49.02					
5	35-39	Current CC	289.00	25.76	10.00	3.02			
5	35-39	Current MRTP	33.00	2.94					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	241.00	21.48			8.45	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	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.44			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	5.00	0.52					
5	40-44	Former	256.00	26.39			11.41	16.00	6.25
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	165.00	20.35	10.00	5.41			
5	45-49	Current MRTP	13.00	1.60					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	204.00	25.15			11.24	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	143.00	23.03	10.00	6.37			
5	50-54	Current MRTP	13.00	2.09					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	163.00	26.25			15.56	10.00	6.13
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	118.00	22.06	7.00	5.30			
5	55-59	Current MRTP	13.00	2.43					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	151.00	28.22			15.46	3.00	1.99
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	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	13.00	11.02			
5	65-69	Current MRTP	10.00	1.87					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	158.00	29.48			22.04	7.00	4.43
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	14.00	16.28			
5	70-74	Current MRTP	10.00	1.86					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	173.00	32.10			25.12	4.00	2.31

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	12.00	20.00			
5	75-79	Current MRTP	9.00	1.85					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	159.00	32.72			28.17	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	4869.00	53.45					
10	All Ages	Current CC	1753.00	19.24	192.00	8.52			
10	All Ages	Current MRTP	346.00	3.80					
10	All Ages	Current Dual	155.00	1.70					
10	All Ages	Former	1986.00	21.80			16.44	101.00	5.09

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	632.00	77.74					
10	20-24	Current CC	136.00	16.73	0.00	0.00			
10	20-24	Current MRTP	21.00	2.58					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	11.00	1.35			3.73	2.00	18.18

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	202.00	23.93	5.00	1.78			
10	25-29	Current MRTP	50.00	5.92					
10	25-29	Current Dual	29.00	3.44					
10	25-29	Former	36.00	4.27			4.92	8.00	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	423.00	50.90					
10	30-34	Current CC	174.00	20.94	14.00	5.49			
10	30-34	Current MRTP	46.00	5.54					
10	30-34	Current Dual	35.00	4.21					
10	30-34	Former	153.00	18.41			9.04	13.00	8.50

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	233.00	23.32	22.00	7.33			
10	35-39	Current MRTP	44.00	4.40					
10	35-39	Current Dual	23.00	2.30					
10	35-39	Former	206.00	20.62			10.76	16.00	7.77

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	240.00	21.39	21.00	6.95			
10	40-44	Current MRTP	44.00	3.92					
10	40-44	Current Dual	18.00	1.60					
10	40-44	Former	280.00	24.96			11.26	17.00	6.07

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	172.00	17.73	22.00	10.53			
10	45-49	Current MRTP	28.00	2.89					
10	45-49	Current Dual	9.00	0.93					
10	45-49	Former	272.00	28.04			15.02	8.00	2.94

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	144.00	17.76	20.00	11.63			
10	50-54	Current MRTP	23.00	2.84					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	217.00	26.76			14.58	7.00	3.23
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	121.00	19.48	15.00	10.34			
10	55-59	Current MRTP	20.00	3.22					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	175.00	28.18			18.43	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	11.00	9.09			
10	60-64	Current MRTP	17.00	3.18					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	162.00	30.28			18.65	4.00	2.47
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	87.00	17.83	13.00	12.75			
10	65-69	Current MRTP	12.00	2.46					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	136.00	27.87			24.28	4.00	2.94
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	82.00	15.30	18.00	16.82			
10	70-74	Current MRTP	19.00	3.54					
10	70-74	Current Dual	6.00	1.12					
10	70-74	Former	169.00	31.53			24.38	9.00	5.33
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	61.00	11.32	31.00	34.44			
10	75-79	Current MRTP	22.00	4.08					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	169.00	31.35			28.18	7.00	4.14
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1448.00	16.90	245.00	11.53			
15	All Ages	Current MRTP	468.00	5.46					
15	All Ages	Current Dual	208.00	2.43					
15	All Ages	Former	1983.00	23.14			17.86	102.00	5.14
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	143.00	17.59	3.00	1.36			
15	25-29	Current MRTP	50.00	6.15					
15	25-29	Current Dual	28.00	3.44					
15	25-29	Former	23.00	2.83			4.09	10.00	43.48
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	482.00	57.11					

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	180.00	21.33	9.00	3.02			
15	30-34	Current MRTP	75.00	8.89					
15	30-34	Current Dual	43.00	5.09					
15	30-34	Former	64.00	7.58			6.06	13.00	20.31
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	145.00	17.45	23.00	9.66			
15	35-39	Current MRTP	56.00	6.74					
15	35-39	Current Dual	37.00	4.45					
15	35-39	Former	184.00	22.14			11.47	16.00	8.70
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	489.00	48.95					
15	40-44	Current CC	199.00	19.92	35.00	12.11			
15	40-44	Current MRTP	60.00	6.01					
15	40-44	Current Dual	30.00	3.00					
15	40-44	Former	221.00	22.12			14.13	8.00	3.62
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	199.00	17.74	28.00	9.82			
15	45-49	Current MRTP	64.00	5.70					
15	45-49	Current Dual	22.00	1.96					
15	45-49	Former	297.00	26.47			14.90	9.00	3.03
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	139.00	14.33	31.00	15.98			
15	50-54	Current MRTP	41.00	4.23					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	287.00	29.59			18.17	11.00	3.83
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	125.00	15.41	27.00	16.67			
15	55-59	Current MRTP	28.00	3.45					
15	55-59	Current Dual	9.00	1.11					
15	55-59	Former	227.00	27.99			17.96	8.00	3.52
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	97.00	15.62	18.00	13.64			
15	60-64	Current MRTP	29.00	4.67					
15	60-64	Current Dual	6.00	0.97					
15	60-64	Former	188.00	30.27			21.11	3.00	1.60
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	90.00	16.82	24.00	20.69			
15	65-69	Current MRTP	22.00	4.11					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	66.00	13.52	20.00	21.74			
15	70-74	Current MRTP	18.00	3.69					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	146.00	29.92			25.54	6.00	4.11
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	65.00	12.13	27.00	27.84			
15	75-79	Current MRTP	25.00	4.66					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	179.00	33.40			25.96	11.00	6.15
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	4144.00	51.58					
20	All Ages	Current CC	1178.00	14.66	281.00	14.55			

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	533.00	6.63					
20	All Ages	Current Dual	220.00	2.74					
20	All Ages	Former	1959.00	24.38			19.50	96.00	4.90
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	132.00	16.24	5.00	2.14			
20	30-34	Current MRTP	67.00	8.24					
20	30-34	Current Dual	35.00	4.31					
20	30-34	Former	43.00	5.29			5.77	8.00	18.60
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	146.00	17.30	13.00	4.56			
20	35-39	Current MRTP	94.00	11.14					
20	35-39	Current Dual	45.00	5.33					
20	35-39	Former	93.00	11.02			7.84	14.00	15.05
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	120.00	14.44	27.00	12.16			
20	40-44	Current MRTP	63.00	7.58					
20	40-44	Current Dual	39.00	4.69					
20	40-44	Former	210.00	25.27			14.40	6.00	2.86
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	176.00	17.62	40.00	14.81			
20	45-49	Current MRTP	64.00	6.41					
20	45-49	Current Dual	30.00	3.00					
20	45-49	Former	240.00	24.02			17.03	7.00	2.92
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	540.00	48.13					
20	50-54	Current CC	167.00	14.88	40.00	14.98			
20	50-54	Current MRTP	75.00	6.68					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	315.00	28.07			17.88	16.00	5.08
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	118.00	12.16	39.00	21.79			
20	55-59	Current MRTP	48.00	4.95					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	302.00	31.13			21.08	11.00	3.64
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	102.00	12.58	34.00	22.82			
20	60-64	Current MRTP	38.00	4.69					

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	9.00	1.11					
20	60-64	Former	240.00	29.59			20.89	11.00	4.58

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	85.00	13.69	24.00	18.90			
20	65-69	Current MRTP	34.00	5.48					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	193.00	31.08			24.35	5.00	2.59

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	74.00	13.83	26.00	24.53			
20	70-74	Current MRTP	27.00	5.05					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	177.00	33.08			24.66	8.00	4.52

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	33.00	35.87			
20	75-79	Current MRTP	23.00	4.71					
20	75-79	Current Dual	11.00	2.25					
20	75-79	Former	146.00	29.92			27.68	10.00	6.85

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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	59111.056	16.805	0.008	0.028	2826.86	839.248	839.009	0.239
1992	198532	60226.142	60207.316	18.826	0.009	0.031	2778.64	842.922	842.659	0.263
1993	202512	62332.320	62288.720	43.600	0.022	0.070	2793.47	859.818	859.216	0.601
1994	200658	62691.239	62639.660	51.579	0.026	0.082	2725.82	851.622	850.922	0.701
1995	201023	63132.954	63048.836	84.119	0.042	0.133	2687.54	844.043	842.919	1.125
1996	201180	64309.880	64288.588	21.293	0.011	0.033	2653.67	848.280	847.999	0.281
1997	198639	64547.894	64474.684	73.209	0.037	0.113	2583.39	839.475	838.523	0.952
1998	197573	65384.866	65228.009	156.857	0.079	0.240	2533.29	838.367	836.356	2.011
1999	211329	67554.762	67275.686	279.076	0.132	0.413	2673.14	854.513	850.983	3.530
2000	208496	68184.366	67817.706	366.660	0.176	0.538	2604.20	851.652	847.072	4.580
2001	203606	68286.060	67748.605	537.455	0.264	0.787	2514.65	843.372	836.734	6.638
2002	200828	68983.996	68409.944	574.052	0.286	0.832	2455.47	843.450	836.431	7.019
2003	196352	68717.830	67926.300	791.531	0.403	1.152	2377.49	832.057	822.473	9.584
2004	188160	67344.952	66275.702	1069.249	0.568	1.588	2254.66	806.974	794.161	12.812
2005	186416	67846.650	66577.477	1269.173	0.681	1.871	2208.07	803.634	788.601	15.033
2006	180088	66622.465	64872.816	1749.649	0.972	2.626	2113.55	781.893	761.359	20.534
2007	175644	65977.201	63965.816	2011.385	1.145	3.049	2039.92	766.256	742.896	23.360
2008	177570	67121.344	64908.203	2213.140	1.246	3.297	2039.03	770.751	745.338	25.413
2009	172806	66622.993	64065.820	2557.173	1.480	3.838	1961.22	756.123	727.101	29.022

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1288431.533	13884.83	0.356	1.066	2465.77	823.300	814.522	8.778

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 20 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31524.455	5.564	0.013	0.018	620.154	447.530	447.451	0.079
1992	45423	32811.446	32807.331	4.115	0.009	0.013	635.738	459.227	459.170	0.058
1993	46291	33467.735	33460.351	7.384	0.016	0.022	638.542	461.657	461.555	0.102
1994	47017	33989.389	33984.973	4.415	0.009	0.013	638.697	461.725	461.665	0.060
1995	47840	34566.580	34555.006	11.574	0.024	0.033	639.587	462.131	461.976	0.155
1996	48244	34997.958	35014.479	-16.522	-0.034	-0.047	636.363	461.641	461.859	-0.218
1997	49035	35549.658	35552.434	-2.776	-0.006	-0.008	637.723	462.340	462.376	-0.036
1998	49686	36138.033	36124.438	13.596	0.027	0.038	637.076	463.363	463.189	0.174
1999	48883	35506.142	35476.012	30.130	0.062	0.085	618.331	449.124	448.743	0.381
2000	50331	36573.306	36516.130	57.176	0.114	0.156	628.656	456.816	456.102	0.714
2001	50389	36733.445	36636.621	96.824	0.192	0.264	622.333	453.679	452.483	1.196
2002	51445	37627.700	37508.739	118.961	0.231	0.316	629.005	460.065	458.610	1.455
2003	51408	37552.784	37358.532	194.252	0.378	0.517	622.464	454.701	452.349	2.352
2004	51399	37527.823	37243.527	284.296	0.553	0.758	615.898	449.684	446.278	3.407
2005	51421	37486.186	37149.415	336.771	0.655	0.898	609.074	444.018	440.029	3.989
2006	51355	37409.496	36892.174	517.322	1.007	1.383	602.712	439.045	432.973	6.071
2007	51839	37602.867	36991.002	611.866	1.180	1.627	602.056	436.718	429.612	7.106
2008	50976	36986.957	36336.057	650.899	1.277	1.760	585.355	424.719	417.245	7.474
2009	51193	37201.944	36410.283	791.661	1.546	2.128	581.003	422.215	413.230	8.985

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	708187.331	3717.508	0.379	0.522	619.890	450.053	447.703	2.350

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12658.988	3.992	0.004	0.032	1368.32	179.735	179.679	0.057
1992	93721	12337.995	12328.821	9.174	0.010	0.074	1311.71	172.682	172.554	0.128
1993	93679	12401.934	12376.835	25.099	0.027	0.202	1292.22	171.073	170.727	0.346
1994	90832	12128.576	12090.156	38.420	0.042	0.317	1233.90	164.759	164.237	0.522
1995	89698	11958.696	11906.208	52.488	0.059	0.439	1199.20	159.879	159.178	0.702
1996	88286	12020.749	11967.335	53.414	0.061	0.444	1164.54	158.560	157.855	0.705
1997	84777	11593.724	11511.624	82.099	0.097	0.708	1102.56	150.782	149.714	1.068
1998	82517	11337.035	11208.888	128.147	0.155	1.130	1058.04	145.364	143.721	1.643
1999	93939	13027.458	12809.975	217.483	0.232	1.669	1188.25	164.787	162.036	2.751
2000	90039	12607.547	12369.770	237.777	0.264	1.886	1124.63	157.474	154.504	2.970
2001	86119	12350.451	12020.805	329.645	0.383	2.669	1063.62	152.535	148.464	4.071
2002	83014	12112.097	11763.842	348.254	0.420	2.875	1014.99	148.092	143.834	4.258
2003	79302	11683.252	11274.994	408.258	0.515	3.494	960.214	141.465	136.521	4.943
2004	73861	11139.095	10632.575	506.520	0.686	4.547	885.053	133.476	127.407	6.069
2005	71649	10884.683	10314.203	570.480	0.796	5.241	848.672	128.927	122.170	6.757
2006	67551	10397.565	9703.184	694.381	1.028	6.678	792.791	122.028	113.878	8.149
2007	63503	9785.831	9007.183	778.648	1.226	7.957	737.521	113.652	104.609	9.043
2008	63171	9922.524	9073.246	849.279	1.344	8.559	725.389	113.940	104.188	9.752
2009	59747	9483.598	8563.819	919.779	1.539	9.699	678.085	107.632	97.193	10.439

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	226229.211	6253.339	0.379	2.690	1043.56	146.971	143.018	3.953

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.716	2.300	0.007	0.074	461.369	44.228	44.195	0.033
1992	32560	3095.448	3092.526	2.922	0.009	0.094	455.708	43.324	43.283	0.041
1993	32768	3114.516	3107.225	7.291	0.022	0.234	452.005	42.962	42.861	0.101
1994	33005	3168.398	3157.852	10.547	0.032	0.333	448.353	43.041	42.897	0.143
1995	33730	3200.274	3184.351	15.923	0.047	0.498	450.946	42.785	42.573	0.213
1996	33750	3234.738	3217.286	17.452	0.052	0.540	445.180	42.668	42.438	0.230
1997	33699	3240.665	3222.239	18.426	0.055	0.569	438.271	42.146	41.907	0.240
1998	33274	3171.578	3136.531	35.047	0.105	1.105	426.640	40.666	40.217	0.449
1999	33891	3153.786	3097.984	55.802	0.165	1.769	428.694	39.893	39.187	0.706
2000	33827	3237.043	3162.463	74.580	0.220	2.304	422.514	40.432	39.501	0.932
2001	32506	3110.972	3008.646	102.326	0.315	3.289	401.468	38.422	37.159	1.264
2002	32078	3123.298	3012.585	110.713	0.345	3.545	392.210	38.188	36.834	1.354
2003	30568	3025.984	2898.169	127.815	0.418	4.224	370.127	36.640	35.092	1.548
2004	29388	2983.453	2817.532	165.921	0.565	5.561	352.147	35.750	33.762	1.988
2005	27954	2926.679	2739.608	187.071	0.669	6.392	331.111	34.666	32.450	2.216
2006	27201	2889.308	2670.152	219.156	0.806	7.585	319.236	33.909	31.337	2.572
2007	26302	2810.025	2557.997	252.028	0.958	8.969	305.470	32.636	29.708	2.927
2008	25998	2773.025	2507.368	265.657	1.022	9.580	298.534	31.843	28.792	3.051
2009	25040	2723.293	2425.199	298.094	1.190	10.946	284.186	30.907	27.524	3.383

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	59322.671	1969.072	0.316	3.213	394.195	38.747	37.503	1.245

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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	11813.898	4.950	0.019	0.042	377.015	167.754	167.684	0.070
1992	26828	11981.252	11978.638	2.614	0.010	0.022	375.483	167.689	167.652	0.037
1993	29774	13348.134	13344.309	3.825	0.013	0.029	410.705	184.125	184.073	0.053
1994	29804	13404.876	13406.679	-1.803	-0.006	-0.013	404.869	182.097	182.122	-0.024
1995	29755	13407.404	13403.271	4.133	0.014	0.031	397.803	179.248	179.192	0.055
1996	30900	14056.435	14089.487	-33.052	-0.107	-0.235	407.587	185.412	185.847	-0.436
1997	31128	14163.848	14188.387	-24.539	-0.079	-0.173	404.834	184.207	184.526	-0.319
1998	32096	14738.220	14758.153	-19.932	-0.062	-0.135	411.536	188.974	189.230	-0.256
1999	34616	15867.376	15891.715	-24.339	-0.070	-0.153	437.865	200.710	201.017	-0.308
2000	34299	15766.470	15769.343	-2.873	-0.008	-0.018	428.409	196.930	196.966	-0.036
2001	34592	16091.193	16082.533	8.660	0.025	0.054	427.231	198.736	198.629	0.107
2002	34291	16120.902	16124.778	-3.876	-0.011	-0.024	419.268	197.106	197.154	-0.047
2003	35074	16455.810	16394.605	61.205	0.175	0.372	424.687	199.252	198.511	0.741
2004	33512	15694.580	15582.068	112.512	0.336	0.717	401.564	188.063	186.715	1.348
2005	35392	16549.102	16374.251	174.851	0.494	1.057	419.213	196.022	193.951	2.071
2006	33981	15926.096	15607.306	318.790	0.938	2.002	398.807	186.912	183.170	3.741
2007	34000	15778.477	15409.634	368.844	1.085	2.338	394.875	183.251	178.967	4.284
2008	37425	17438.838	16991.533	447.305	1.195	2.565	429.749	200.249	195.113	5.136
2009	36826	17214.158	16666.520	547.638	1.487	3.181	417.948	195.368	189.153	6.215

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	294692.320	1944.913	0.301	0.656	408.132	187.528	186.299	1.230

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN11
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.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	RUN11

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 21, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2408.00	26.24	127.00	4.74			
5	All Ages	Current MRTP	179.00	1.95					
5	All Ages	Current Dual	95.00	1.04					
5	All Ages	Former	2595.00	28.28			15.61	153.00	5.90

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	20.00	2.19					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	21.00	2.30			3.38	6.00	28.57
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	2.00	0.64			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	17.00	1.77					
5	25-29	Former	118.00	12.32			4.75	27.00	22.88
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	342.00	31.84	9.00	2.34			
5	30-34	Current MRTP	30.00	2.79					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	202.00	18.81			6.34	28.00	13.86
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	328.00	30.29	13.00	3.64			
5	35-39	Current MRTP	18.00	1.66					
5	35-39	Current Dual	11.00	1.02					
5	35-39	Former	252.00	23.27			7.81	20.00	7.94
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	10.00	3.62
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	230.00	26.78	13.00	4.98			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	290.00	33.76			14.15	5.00	1.72
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	190.00	30.16	12.00	5.88			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	234.00	37.14			17.40	9.00	3.85
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	9.00	6.25			
5	55-59	Current MRTP	7.00	1.34					
5	55-59	Current Dual	5.00	0.95					
5	55-59	Former	225.00	42.94			16.72	15.00	6.67
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	14.00	10.94			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	246.00	47.77			18.95	7.00	2.85
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	13.00	10.57			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.09	9.00	3.50
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	17.00	20.24			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	258.00	57.59			22.70	9.00	3.49

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	70.00	19.50	12.00	15.79			
5	75-79	Current MRTP	4.00	1.11					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	215.00	59.89			23.99	8.00	3.72

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2184.00	23.30	199.00	7.50			
10	All Ages	Current MRTP	332.00	3.54					
10	All Ages	Current Dual	136.00	1.45					
10	All Ages	Former	2640.00	28.16			17.08	198.00	7.50

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	17.00	1.90			2.71	8.00	47.06

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	238.00	26.01	3.00	0.96			
10	25-29	Current MRTP	41.00	4.48					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	50.00	5.46			4.30	18.00	36.00

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	483.00	50.42					
10	30-34	Current CC	240.00	25.05	8.00	2.52			
10	30-34	Current MRTP	50.00	5.22					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	157.00	16.39			7.48	20.00	12.74

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	474.00	44.13					
10	35-39	Current CC	301.00	28.03	16.00	4.41			
10	35-39	Current MRTP	47.00	4.38					
10	35-39	Current Dual	15.00	1.40					
10	35-39	Former	237.00	22.07			9.56	18.00	7.59

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	278.00	25.67	24.00	7.25			
10	40-44	Current MRTP	41.00	3.79					
10	40-44	Current Dual	12.00	1.11					
10	40-44	Former	282.00	26.04			10.99	25.00	8.87

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	244.00	25.08	19.00	6.91			
10	45-49	Current MRTP	27.00	2.77					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	296.00	30.42			15.42	19.00	6.42

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 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	190.00	22.12	29.00	12.29			
10	50-54	Current MRTP	35.00	4.07					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	315.00	36.67			16.79	13.00	4.13
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	159.00	25.24	22.00	11.83			
10	55-59	Current MRTP	25.00	3.97					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	252.00	40.00			20.07	15.00	5.95
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	113.00	21.56	13.00	10.16			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	8.00	1.53					
10	60-64	Former	241.00	45.99			19.45	14.00	5.81
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	95.00	18.45	17.00	15.18			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	3.00	0.58					
10	65-69	Former	262.00	50.87			21.13	19.00	7.25
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	102.00	20.40	29.00	24.17			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	260.00	52.00			24.49	16.00	6.15
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	54.00	12.05	19.00	26.76			
10	75-79	Current MRTP	13.00	2.90					
10	75-79	Current Dual	4.00	0.89					
10	75-79	Former	271.00	60.49			25.07	13.00	4.80
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	1885.00	21.12	254.00	10.31			
15	All Ages	Current MRTP	424.00	4.75					
15	All Ages	Current Dual	155.00	1.74					
15	All Ages	Former	2607.00	29.20			18.30	168.00	6.44
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	177.00	19.75	1.00	0.41			
15	25-29	Current MRTP	47.00	5.25					
15	25-29	Current Dual	22.00	2.46					
15	25-29	Former	42.00	4.69			3.98	14.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	210.00	22.95	6.00	2.01			
15	30-34	Current MRTP	57.00	6.23					
15	30-34	Current Dual	31.00	3.39					
15	30-34	Former	97.00	10.60			5.32	22.00	22.68
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	216.00	22.55	15.00	5.02			
15	35-39	Current MRTP	55.00	5.74					
15	35-39	Current Dual	28.00	2.92					
15	35-39	Former	191.00	19.94			9.87	24.00	12.57
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	249.00	23.18	23.00	7.10			
15	40-44	Current MRTP	58.00	5.40					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	278.00	25.88			12.15	19.00	6.83
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	247.00	22.81	32.00	10.19			
15	45-49	Current MRTP	54.00	4.99					
15	45-49	Current Dual	13.00	1.20					
15	45-49	Former	299.00	27.61			14.63	11.00	3.68
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	202.00	20.76	27.00	10.89			
15	50-54	Current MRTP	38.00	3.91					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	323.00	33.20			18.21	15.00	4.64
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	162.00	18.86	34.00	16.04			
15	55-59	Current MRTP	44.00	5.12					
15	55-59	Current Dual	6.00	0.70					
15	55-59	Former	339.00	39.46			19.60	22.00	6.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	143.00	22.70	33.00	18.54			
15	60-64	Current MRTP	29.00	4.60					
15	60-64	Current Dual	6.00	0.95					
15	60-64	Former	260.00	41.27			22.90	10.00	3.85
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	105.00	20.04	25.00	19.69			
15	65-69	Current MRTP	8.00	1.53					
15	65-69	Current Dual	14.00	2.67					
15	65-69	Former	242.00	46.18			22.56	7.00	2.89
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	26.00	23.85			
15	70-74	Current MRTP	17.00	3.30					
15	70-74	Current Dual	6.00	1.17					
15	70-74	Former	265.00	51.46			24.33	10.00	3.77
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	32.00	29.36			
15	75-79	Current MRTP	17.00	3.40					
15	75-79	Current Dual	4.00	0.80					
15	75-79	Former	271.00	54.20			25.81	14.00	5.17
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1539.00	18.26	283.00	13.26			

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	442.00	5.25					
20	All Ages	Current Dual	153.00	1.82					
20	All Ages	Former	2617.00	31.05			18.93	185.00	7.07
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	163.00	18.19	6.00	2.47			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	27.00	3.01					
20	30-34	Former	78.00	8.71			5.68	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	502.00	54.86					
20	35-39	Current CC	182.00	19.89	15.00	5.34			
20	35-39	Current MRTP	71.00	7.76					
20	35-39	Current Dual	28.00	3.06					
20	35-39	Former	132.00	14.43			7.46	20.00	15.15
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	188.00	19.62	20.00	7.27			
20	40-44	Current MRTP	58.00	6.05					
20	40-44	Current Dual	29.00	3.03					
20	40-44	Former	224.00	23.38			12.37	15.00	6.70
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	223.00	20.76	30.00	10.27			
20	45-49	Current MRTP	55.00	5.12					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	310.00	28.86			14.72	22.00	7.10
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	198.00	18.28	37.00	13.86			
20	50-54	Current MRTP	61.00	5.63					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	346.00	31.95			16.47	24.00	6.94
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	175.00	17.99	32.00	14.55			
20	55-59	Current MRTP	37.00	3.80					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	351.00	36.07			20.46	24.00	6.84
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	138.00	16.07	42.00	21.65			
20	60-64	Current MRTP	45.00	5.24					

Results for PHIM for Run 21 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	11.00	1.28					
20	60-64	Former	357.00	41.56			21.90	18.00	5.04

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	116.00	18.41	42.00	26.58			
20	65-69	Current MRTP	32.00	5.08					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.03	15.00	5.36

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	90.00	17.18	32.00	27.35			
20	70-74	Current MRTP	16.00	3.05					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	252.00	48.09			24.85	10.00	3.97

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	66.00	12.82	27.00	31.03			
20	75-79	Current MRTP	14.00	2.72					
20	75-79	Current Dual	7.00	1.36					
20	75-79	Former	287.00	55.73			24.72	22.00	7.67

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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	124087.408	45.175	0.014	0.036	4845.61	1920.39	1919.69	0.699
1992	308577	122143.718	121974.193	169.525	0.055	0.139	4692.62	1857.47	1854.90	2.578
1993	311713	123269.216	122907.992	361.224	0.116	0.293	4656.77	1841.55	1836.16	5.396
1994	305700	120480.723	119926.630	554.093	0.181	0.460	4482.57	1766.64	1758.52	8.125
1995	303225	118666.569	117886.928	779.640	0.257	0.657	4361.58	1706.89	1695.68	11.214
1996	299559	116607.195	115641.730	965.464	0.322	0.828	4242.85	1651.58	1637.91	13.675
1997	294226	114665.051	113576.493	1088.558	0.370	0.949	4100.64	1598.09	1582.92	15.171
1998	289258	113038.380	111719.783	1318.597	0.456	1.167	3966.28	1549.97	1531.89	18.080
1999	311002	117067.463	115187.487	1879.976	0.604	1.606	4198.14	1580.27	1554.89	25.377
2000	303786	114977.407	112864.813	2112.594	0.695	1.837	4041.13	1529.49	1501.39	28.103
2001	296294	113047.319	110711.899	2335.420	0.788	2.066	3890.54	1484.39	1453.72	30.666
2002	291898	111744.742	109180.403	2564.339	0.879	2.295	3789.34	1450.64	1417.35	33.290
2003	285865	110551.854	107685.026	2866.828	1.003	2.593	3671.31	1419.80	1382.98	36.818
2004	274177	107418.262	104476.649	2941.613	1.073	2.738	3481.92	1364.16	1326.81	37.357
2005	272379	107678.770	104586.046	3092.724	1.135	2.872	3417.44	1351.01	1312.20	38.803
2006	264118	104357.806	101158.061	3199.745	1.211	3.066	3281.83	1296.71	1256.95	39.759
2007	258419	102690.449	99291.569	3398.880	1.315	3.310	3176.05	1262.10	1220.33	41.773
2008	259461	103492.166	99610.705	3881.462	1.496	3.750	3150.91	1256.82	1209.68	47.137
2009	253907	101384.044	97218.104	4165.940	1.641	4.109	3045.20	1215.94	1165.97	49.964

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	2235521.881	37721.80	0.649	1.659	3927.78	1535.76	1510.27	25.484

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63057.182	11.604	0.015	0.018	1213.84	975.702	975.523	0.180
1992	77987	62535.347	62500.268	35.080	0.045	0.056	1185.97	950.993	950.460	0.533
1993	78542	62883.111	62814.922	68.189	0.087	0.108	1173.36	939.428	938.409	1.019
1994	77437	61805.804	61698.729	107.075	0.138	0.173	1135.48	906.276	904.706	1.570
1995	76904	61145.799	60990.799	155.001	0.202	0.253	1106.18	879.519	877.289	2.230
1996	76232	60385.323	60190.157	195.165	0.256	0.323	1079.72	855.277	852.513	2.764
1997	75473	59549.806	59345.054	204.752	0.271	0.344	1051.87	829.947	827.093	2.854
1998	75381	59292.315	59008.767	283.548	0.376	0.478	1033.62	813.010	809.122	3.888
1999	73159	57398.351	57024.961	373.390	0.510	0.651	987.557	774.807	769.767	5.040
2000	73784	57716.549	57259.634	456.915	0.619	0.792	981.515	767.777	761.699	6.078
2001	73294	57211.877	56694.195	517.682	0.706	0.905	962.399	751.230	744.432	6.798
2002	72442	56438.810	55866.566	572.244	0.790	1.014	940.422	732.673	725.245	7.429
2003	71942	55948.341	55325.322	623.020	0.866	1.114	923.937	718.533	710.532	8.001
2004	71301	55339.218	54678.141	661.077	0.927	1.195	905.490	702.783	694.388	8.395
2005	70964	54964.459	54287.524	676.935	0.954	1.232	890.360	689.620	681.126	8.493
2006	69658	53781.526	53087.991	693.535	0.996	1.290	865.543	668.268	659.651	8.618
2007	68565	52784.985	52051.512	733.472	1.070	1.390	842.687	648.745	639.730	9.015
2008	68226	52470.692	51607.554	863.138	1.265	1.645	828.542	637.208	626.726	10.482
2009	67509	51823.021	50888.642	934.379	1.384	1.803	809.661	621.533	610.327	11.206

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	1151822.328	8166.201	0.553	0.704	997.213	783.665	778.148	5.517

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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	37043.325	24.060	0.014	0.065	2599.72	573.449	573.077	0.372
1992	164548	35863.851	35762.080	101.771	0.062	0.284	2502.33	545.392	543.844	1.548
1993	164362	35459.800	35235.792	224.008	0.136	0.632	2455.45	529.744	526.397	3.347
1994	159866	34293.631	33960.654	332.978	0.208	0.971	2344.16	502.857	497.975	4.883
1995	158083	33531.695	33076.737	454.957	0.288	1.357	2273.86	482.318	475.774	6.544
1996	154875	32438.163	31886.909	551.254	0.356	1.699	2193.60	459.443	451.635	7.808
1997	149970	31179.663	30541.134	638.529	0.426	2.048	2090.14	434.552	425.653	8.899
1998	145407	29860.736	29139.607	721.129	0.496	2.415	1993.81	409.447	399.559	9.888
1999	165952	34413.904	33353.618	1060.286	0.639	3.081	2240.15	464.545	450.233	14.313
2000	160260	33265.290	32116.855	1148.435	0.717	3.452	2131.87	442.513	427.236	15.277
2001	154444	32074.102	30819.252	1254.849	0.812	3.912	2027.95	421.154	404.677	16.477
2002	151887	31817.956	30442.548	1375.408	0.906	4.323	1971.76	413.052	395.197	17.855
2003	146733	31025.931	29459.041	1566.890	1.068	5.050	1884.46	398.460	378.337	20.123
2004	138381	29503.602	27896.068	1607.534	1.162	5.449	1757.38	374.682	354.267	20.415
2005	135881	29077.894	27380.836	1697.058	1.249	5.836	1704.85	364.830	343.538	21.292
2006	131922	28385.448	26589.105	1796.342	1.362	6.328	1639.21	352.707	330.386	22.321
2007	126502	27327.625	25423.573	1904.052	1.505	6.967	1554.75	335.866	312.464	23.401
2008	125859	27025.472	24928.334	2097.138	1.666	7.760	1528.44	328.199	302.732	25.468
2009	122428	26361.626	24108.701	2252.925	1.840	8.546	1468.33	316.165	289.145	27.020

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	2996888	638356.673	617547.070	20809.60	0.694	3.260	2024.64	431.261	417.202	14.059

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4484.530	3.453	0.011	0.077	504.630	69.431	69.378	0.053
1992	32100	4371.196	4356.686	14.510	0.045	0.332	488.154	66.474	66.253	0.221
1993	32896	4414.136	4379.189	34.947	0.106	0.792	491.442	65.944	65.422	0.522
1994	33323	4474.895	4417.405	57.491	0.173	1.285	488.625	65.617	64.774	0.843
1995	33569	4476.290	4391.669	84.621	0.252	1.890	482.855	64.387	63.170	1.217
1996	33870	4489.078	4378.805	110.273	0.326	2.456	479.723	63.582	62.020	1.562
1997	33516	4444.866	4308.968	135.898	0.405	3.057	467.113	61.948	60.054	1.894
1998	32795	4313.427	4174.368	139.059	0.424	3.224	449.682	59.145	57.238	1.907
1999	33375	4232.739	4062.195	170.544	0.511	4.029	450.521	57.137	54.835	2.302
2000	33459	4307.577	4128.395	179.182	0.536	4.160	445.090	57.302	54.918	2.384
2001	32275	4136.308	3949.066	187.243	0.580	4.527	423.792	54.312	51.854	2.459
2002	31586	4079.175	3883.831	195.343	0.618	4.789	410.041	52.955	50.419	2.536
2003	30985	4096.221	3854.770	241.451	0.779	5.894	397.934	52.607	49.506	3.101
2004	29884	4034.217	3791.007	243.210	0.814	6.029	379.513	51.233	48.144	3.089
2005	28708	3944.303	3694.553	249.750	0.870	6.332	360.189	49.488	46.354	3.134
2006	28188	3970.169	3696.174	273.995	0.972	6.901	350.253	49.332	45.927	3.405
2007	28026	3957.558	3654.081	303.476	1.083	7.668	344.449	48.640	44.910	3.730
2008	27128	3812.302	3504.587	307.714	1.134	8.072	329.444	46.297	42.560	3.737
2009	27068	3827.467	3478.112	349.355	1.291	9.128	324.637	45.904	41.714	4.190

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	81175.988	3281.515	0.522	3.885	424.421	57.058	54.841	2.217

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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	19502.372	6.059	0.018	0.031	527.418	301.804	301.710	0.094
1992	33942	19373.324	19355.159	18.165	0.054	0.094	516.166	294.616	294.339	0.276
1993	35913	20512.169	20478.089	34.080	0.095	0.166	536.514	306.437	305.928	0.509
1994	35074	19906.392	19849.843	56.550	0.161	0.284	514.300	291.893	291.064	0.829
1995	34669	19512.784	19427.723	85.061	0.245	0.436	498.677	280.671	279.448	1.224
1996	34582	19294.631	19185.859	108.772	0.315	0.564	489.808	273.283	271.742	1.541
1997	35267	19490.717	19381.337	109.380	0.310	0.561	491.517	271.643	270.118	1.524
1998	35675	19571.902	19397.041	174.861	0.490	0.893	489.172	268.368	265.970	2.398
1999	38516	21022.469	20746.713	275.756	0.716	1.312	519.919	283.777	280.055	3.722
2000	36283	19687.992	19359.930	328.062	0.904	1.666	482.656	261.900	257.536	4.364
2001	36281	19625.032	19249.386	375.646	1.035	1.914	476.394	257.690	252.757	4.932
2002	35983	19408.801	18987.457	421.343	1.171	2.171	467.122	251.960	246.490	5.470
2003	36205	19481.360	19045.893	435.467	1.203	2.235	464.974	250.195	244.603	5.593
2004	34611	18541.224	18111.433	429.792	1.242	2.318	439.544	235.465	230.007	5.458
2005	36826	19692.114	19223.133	468.981	1.274	2.382	462.043	247.070	241.186	5.884
2006	34350	18220.663	17784.791	435.872	1.269	2.392	426.820	226.403	220.987	5.416
2007	35326	18620.282	18162.402	457.880	1.296	2.459	434.168	228.849	223.222	5.627
2008	38248	20183.701	19570.229	613.471	1.604	3.039	464.487	245.112	237.662	7.450
2009	36902	19371.930	18742.648	629.282	1.705	3.248	442.580	232.335	224.788	7.547

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	384976.495	5464.479	0.767	1.400	481.512	263.774	260.082	3.692

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN11
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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

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 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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: 22, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN11

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000800	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000800	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000800	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000800	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000800	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000800	0.008000

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1959.00	21.57	107.00	4.85			
5	All Ages	Current MRTP	177.00	1.95					
5	All Ages	Current Dual	68.00	0.75					
5	All Ages	Former	1994.00	21.96			14.78	119.00	5.97

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.50	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	20.00	2.37			3.00	8.00	40.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	198.00	23.83	9.00	3.80			
5	25-29	Current MRTP	25.00	3.01					
5	25-29	Current Dual	14.00	1.68					
5	25-29	Former	137.00	16.49			5.42	13.00	9.49
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	271.00	27.13	13.00	4.35			
5	30-34	Current MRTP	20.00	2.00					
5	30-34	Current Dual	8.00	0.80					
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	550.00	49.02					
5	35-39	Current CC	290.00	25.85	7.00	2.14			
5	35-39	Current MRTP	29.00	2.58					
5	35-39	Current Dual	8.00	0.71					
5	35-39	Former	245.00	21.84			8.31	20.00	8.16
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.42			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	255.00	26.29			11.45	15.00	5.88
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	165.00	20.35	9.00	4.92			
5	45-49	Current MRTP	11.00	1.36					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	206.00	25.40			11.14	15.00	7.28
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	143.00	23.03	9.00	5.81			
5	50-54	Current MRTP	11.00	1.77					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	165.00	26.57			15.39	11.00	6.67
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	252.00	47.10					
5	55-59	Current CC	118.00	22.06	6.00	4.62			
5	55-59	Current MRTP	11.00	2.06					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	153.00	28.60			15.27	4.00	2.61
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	11.00	9.57			
5	65-69	Current MRTP	9.00	1.68					
5	65-69	Current Dual	3.00	0.56					
5	65-69	Former	161.00	30.04			21.66	8.00	4.97
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	11.00	13.25			
5	70-74	Current MRTP	7.00	1.30					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	176.00	32.65			24.70	6.00	3.41

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	12.00	20.00			
5	75-79	Current MRTP	9.00	1.85					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	159.00	32.72			28.18	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	4869.00	53.45					
10	All Ages	Current CC	1763.00	19.35	167.00	7.70			
10	All Ages	Current MRTP	284.00	3.12					
10	All Ages	Current Dual	123.00	1.35					
10	All Ages	Former	2070.00	22.72			15.88	134.00	6.47

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	16.00	1.97					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	16.00	1.97			3.44	4.00	25.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	202.00	23.93	4.00	1.48			
10	25-29	Current MRTP	43.00	5.09					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	47.00	5.57			4.11	16.00	34.04

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	177.00	21.30	12.00	5.06			
10	30-34	Current MRTP	35.00	4.21					
10	30-34	Current Dual	25.00	3.01					
10	30-34	Former	171.00	20.58			8.32	21.00	12.28

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	234.00	23.42	21.00	7.22			
10	35-39	Current MRTP	40.00	4.00					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	215.00	21.52			10.36	20.00	9.30

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	242.00	21.57	17.00	5.80			
10	40-44	Current MRTP	36.00	3.21					
10	40-44	Current Dual	15.00	1.34					
10	40-44	Former	289.00	25.76			11.01	19.00	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	489.00	50.41					
10	45-49	Current CC	173.00	17.84	22.00	10.63			
10	45-49	Current MRTP	27.00	2.78					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	274.00	28.25			14.92	8.00	2.92

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	144.00	17.76	17.00	10.24			
10	50-54	Current MRTP	17.00	2.10					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	223.00	27.50			14.26	10.00	4.48
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	122.00	19.65	14.00	10.00			
10	55-59	Current MRTP	14.00	2.25					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	180.00	28.99			18.01	8.00	4.44
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	8.00	6.90			
10	60-64	Current MRTP	13.00	2.43					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	167.00	31.21			18.20	5.00	2.99
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.00			
10	65-69	Current MRTP	10.00	2.05					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.98	4.00	2.90
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	82.00	15.30	15.00	14.71			
10	70-74	Current MRTP	17.00	3.17					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	174.00	32.46			23.80	11.00	6.32
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	61.00	11.32	26.00	31.33			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	6.00	1.11					
10	75-79	Former	176.00	32.65			27.19	8.00	4.55
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1468.00	17.13	204.00	10.36			
15	All Ages	Current MRTP	345.00	4.03					
15	All Ages	Current Dual	157.00	1.83					
15	All Ages	Former	2137.00	24.94			16.88	142.00	6.64
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	144.00	17.71	3.00	1.46			
15	25-29	Current MRTP	39.00	4.80					
15	25-29	Current Dual	22.00	2.71					
15	25-29	Former	39.00	4.80			3.85	14.00	35.90
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	184.00	21.80	8.00	2.92			
15	30-34	Current MRTP	56.00	6.64					
15	30-34	Current Dual	34.00	4.03					
15	30-34	Former	88.00	10.43			5.43	20.00	22.73
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	147.00	17.69	21.00	9.68			
15	35-39	Current MRTP	42.00	5.05					
15	35-39	Current Dual	28.00	3.37					
15	35-39	Former	205.00	24.67			10.89	19.00	9.27
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	202.00	20.22	29.00	10.86			
15	40-44	Current MRTP	45.00	4.50					
15	40-44	Current Dual	20.00	2.00					
15	40-44	Former	243.00	24.32			13.16	15.00	6.17
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	201.00	17.91	22.00	8.33			
15	45-49	Current MRTP	46.00	4.10					
15	45-49	Current Dual	17.00	1.52					
15	45-49	Former	318.00	28.34			14.23	13.00	4.09
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	141.00	14.54	28.00	15.14			
15	50-54	Current MRTP	34.00	3.51					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	296.00	30.52			17.69	14.00	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	125.00	15.41	18.00	12.24			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	242.00	29.84			17.09	13.00	5.37
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	99.00	15.94	17.00	13.71			
15	60-64	Current MRTP	20.00	3.22					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	196.00	31.56			20.46	5.00	2.55
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	90.00	16.82	22.00	19.82			
15	65-69	Current MRTP	16.00	2.99					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	172.00	32.15			21.41	7.00	4.07
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	13.00	15.29			
15	70-74	Current MRTP	12.00	2.46					
15	70-74	Current Dual	5.00	1.02					
15	70-74	Former	153.00	31.35			24.52	11.00	7.19
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	67.00	12.50	23.00	25.27			
15	75-79	Current MRTP	20.00	3.73					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	185.00	34.51			25.30	11.00	5.95
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1204.00	14.99	221.00	13.00			

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	358.00	4.46					
20	All Ages	Current Dual	138.00	1.72					
20	All Ages	Former	2190.00	27.26			18.12	134.00	6.12
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	135.00	16.61	4.00	1.95			
20	30-34	Current MRTP	48.00	5.90					
20	30-34	Current Dual	22.00	2.71					
20	30-34	Former	72.00	8.86			5.68	13.00	18.06
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	154.00	18.25	12.00	4.86			
20	35-39	Current MRTP	65.00	7.70					
20	35-39	Current Dual	28.00	3.32					
20	35-39	Former	131.00	15.52			7.21	20.00	15.27
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	123.00	14.80	25.00	12.44			
20	40-44	Current MRTP	51.00	6.14					
20	40-44	Current Dual	27.00	3.25					
20	40-44	Former	231.00	27.80			13.97	11.00	4.76
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	489.00	48.95					
20	45-49	Current CC	178.00	17.82	31.00	13.03			
20	45-49	Current MRTP	46.00	4.60					
20	45-49	Current Dual	14.00	1.40					
20	45-49	Former	272.00	27.23			15.78	12.00	4.41
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	169.00	15.06	29.00	12.50			
20	50-54	Current MRTP	47.00	4.19					
20	50-54	Current Dual	16.00	1.43					
20	50-54	Former	350.00	31.19			16.76	22.00	6.29
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	489.00	50.41					
20	55-59	Current CC	119.00	12.27	32.00	19.88			
20	55-59	Current MRTP	33.00	3.40					
20	55-59	Current Dual	9.00	0.93					
20	55-59	Former	320.00	32.99			20.15	14.00	4.38
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	103.00	12.70	23.00	17.69			
20	60-64	Current MRTP	21.00	2.59					

Results for PHIM for Run 22 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	6.00	0.74					
20	60-64	Former	259.00	31.94			19.90	12.00	4.63

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	21.00	18.58			
20	65-69	Current MRTP	21.00	3.38					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	207.00	33.33			23.15	8.00	3.86

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	252.00	47.10					
20	70-74	Current CC	76.00	14.21	20.00	21.28			
20	70-74	Current MRTP	15.00	2.80					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	189.00	35.33			23.48	12.00	6.35

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	24.00	30.38			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	9.00	1.84					
20	75-79	Former	159.00	32.58			25.86	10.00	6.29

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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	59111.056	16.805	0.008	0.028	2826.86	839.248	839.009	0.239
1992	198532	60226.142	60207.316	18.826	0.009	0.031	2778.64	842.922	842.659	0.263
1993	202512	62332.320	62282.873	49.447	0.024	0.079	2793.47	859.818	859.136	0.682
1994	200658	62691.239	62624.247	66.992	0.033	0.107	2725.82	851.622	850.712	0.910
1995	201023	63132.954	63021.640	111.314	0.055	0.176	2687.54	844.043	842.555	1.488
1996	201180	64309.880	64242.344	67.536	0.034	0.105	2653.67	848.280	847.389	0.891
1997	198639	64547.894	64404.645	143.249	0.072	0.222	2583.39	839.475	837.612	1.863
1998	197573	65384.866	65133.171	251.695	0.127	0.385	2533.29	838.367	835.140	3.227
1999	211329	67554.762	67151.071	403.691	0.191	0.598	2673.14	854.513	849.407	5.106
2000	208496	68184.366	67667.648	516.718	0.248	0.758	2604.20	851.652	845.198	6.454
2001	203606	68286.060	67587.599	698.461	0.343	1.023	2514.65	843.372	834.746	8.626
2002	200828	68983.996	68215.444	768.552	0.383	1.114	2455.47	843.450	834.053	9.397
2003	196352	68717.830	67703.683	1014.147	0.516	1.476	2377.49	832.057	819.778	12.280
2004	188160	67344.952	66036.840	1308.112	0.695	1.942	2254.66	806.974	791.299	15.675
2005	186416	67846.650	66318.208	1528.442	0.820	2.253	2208.07	803.634	785.530	18.104
2006	180088	66622.465	64598.424	2024.040	1.124	3.038	2113.55	781.893	758.139	23.755
2007	175644	65977.201	63631.176	2346.025	1.336	3.556	2039.92	766.256	739.010	27.247
2008	177570	67121.344	64504.850	2616.493	1.473	3.898	2039.03	770.751	740.706	30.045
2009	172806	66622.993	63586.423	3036.570	1.757	4.558	1961.22	756.123	721.660	34.463

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	1285329.248	16987.12	0.436	1.304	2465.77	823.300	812.561	10.739

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31524.455	5.564	0.013	0.018	620.154	447.530	447.451	0.079
1992	45423	32811.446	32807.331	4.115	0.009	0.013	635.738	459.227	459.170	0.058
1993	46291	33467.735	33458.886	8.849	0.019	0.026	638.542	461.657	461.535	0.122
1994	47017	33989.389	33980.793	8.596	0.018	0.025	638.697	461.725	461.608	0.117
1995	47840	34566.580	34547.898	18.682	0.039	0.054	639.587	462.131	461.881	0.250
1996	48244	34997.958	35001.840	-3.883	-0.008	-0.011	636.363	461.641	461.692	-0.051
1997	49035	35549.658	35532.714	16.944	0.035	0.048	637.723	462.340	462.119	0.220
1998	49686	36138.033	36097.934	40.100	0.081	0.111	637.076	463.363	462.849	0.514
1999	48883	35506.142	35443.651	62.491	0.128	0.176	618.331	449.124	448.334	0.790
2000	50331	36573.306	36476.404	96.902	0.193	0.265	628.656	456.816	455.606	1.210
2001	50389	36733.445	36593.375	140.070	0.278	0.381	622.333	453.679	451.949	1.730
2002	51445	37627.700	37458.346	169.354	0.329	0.450	629.005	460.065	457.994	2.071
2003	51408	37552.784	37298.741	254.043	0.494	0.676	622.464	454.701	451.625	3.076
2004	51399	37527.823	37178.182	349.641	0.680	0.932	615.898	449.684	445.495	4.190
2005	51421	37486.186	37077.365	408.821	0.795	1.091	609.074	444.018	439.176	4.842
2006	51355	37409.496	36815.982	593.514	1.156	1.587	602.712	439.045	432.079	6.966
2007	51839	37602.867	36893.622	709.246	1.368	1.886	602.056	436.718	428.481	8.237
2008	50976	36986.957	36220.891	766.065	1.503	2.071	585.355	424.719	415.923	8.797
2009	51193	37201.944	36266.561	935.383	1.827	2.514	581.003	422.215	411.599	10.616

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	707320.341	4584.498	0.468	0.644	619.890	450.053	447.155	2.898

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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		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12658.988	3.992	0.004	0.032	1368.32	179.735	179.679	0.057
1992	93721	12337.995	12328.821	9.174	0.010	0.074	1311.71	172.682	172.554	0.128
1993	93679	12401.934	12374.290	27.644	0.030	0.223	1292.22	171.073	170.692	0.381
1994	90832	12128.576	12083.779	44.797	0.049	0.369	1233.90	164.759	164.151	0.609
1995	89698	11958.696	11894.727	63.969	0.071	0.535	1199.20	159.879	159.024	0.855
1996	88286	12020.749	11949.975	70.775	0.080	0.589	1164.54	158.560	157.626	0.934
1997	84777	11593.724	11485.965	107.758	0.127	0.929	1102.56	150.782	149.380	1.401
1998	82517	11337.035	11174.471	162.563	0.197	1.434	1058.04	145.364	143.279	2.084
1999	93939	13027.458	12761.283	266.175	0.283	2.043	1188.25	164.787	161.420	3.367
2000	90039	12607.547	12311.620	295.927	0.329	2.347	1124.63	157.474	153.777	3.696
2001	86119	12350.451	11959.218	391.233	0.454	3.168	1063.62	152.535	147.703	4.832
2002	83014	12112.097	11686.076	426.021	0.513	3.517	1014.99	148.092	142.883	5.209
2003	79302	11683.252	11187.259	495.993	0.625	4.245	960.214	141.465	135.459	6.006
2004	73861	11139.095	10536.842	602.253	0.815	5.407	885.053	133.476	126.260	7.217
2005	71649	10884.683	10211.013	673.669	0.940	6.189	848.672	128.927	120.948	7.980
2006	67551	10397.565	9589.552	808.013	1.196	7.771	792.791	122.028	112.545	9.483
2007	63503	9785.831	8874.178	911.654	1.436	9.316	737.521	113.652	103.064	10.588
2008	63171	9922.524	8914.075	1008.450	1.596	10.163	725.389	113.940	102.360	11.580
2009	59747	9483.598	8384.210	1099.387	1.840	11.593	678.085	107.632	95.155	12.477

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	225013.103	7469.446	0.452	3.213	1043.56	146.971	142.249	4.722

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.716	2.300	0.007	0.074	461.369	44.228	44.195	0.033
1992	32560	3095.448	3092.526	2.922	0.009	0.094	455.708	43.324	43.283	0.041
1993	32768	3114.516	3106.372	8.144	0.025	0.261	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.804	12.594	0.038	0.397	448.353	43.041	42.870	0.171
1995	33730	3200.274	3180.402	19.872	0.059	0.621	450.946	42.785	42.520	0.266
1996	33750	3234.738	3211.147	23.592	0.070	0.729	445.180	42.668	42.357	0.311
1997	33699	3240.665	3213.222	27.442	0.081	0.847	438.271	42.146	41.789	0.357
1998	33274	3171.578	3124.847	46.731	0.140	1.473	426.640	40.666	40.067	0.599
1999	33891	3153.786	3083.822	69.964	0.206	2.218	428.694	39.893	39.008	0.885
2000	33827	3237.043	3144.630	92.413	0.273	2.855	422.514	40.432	39.278	1.154
2001	32506	3110.972	2990.860	120.112	0.370	3.861	401.468	38.422	36.939	1.483
2002	32078	3123.298	2989.285	134.012	0.418	4.291	392.210	38.188	36.549	1.639
2003	30568	3025.984	2873.911	152.073	0.497	5.026	370.127	36.640	34.798	1.841
2004	29388	2983.453	2789.299	194.155	0.661	6.508	352.147	35.750	33.423	2.326
2005	27954	2926.679	2709.802	216.877	0.776	7.410	331.111	34.666	32.097	2.569
2006	27201	2889.308	2634.539	254.769	0.937	8.818	319.236	33.909	30.919	2.990
2007	26302	2810.025	2517.421	292.605	1.112	10.413	305.470	32.636	29.237	3.398
2008	25998	2773.025	2460.105	312.920	1.204	11.284	298.534	31.843	28.249	3.593
2009	25040	2723.293	2370.586	352.707	1.409	12.952	284.186	30.907	26.904	4.003

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	58955.538	2336.205	0.375	3.812	394.195	38.747	37.271	1.477

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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	11813.898	4.950	0.019	0.042	377.015	167.754	167.684	0.070
1992	26828	11981.252	11978.638	2.614	0.010	0.022	375.483	167.689	167.652	0.037
1993	29774	13348.134	13343.324	4.810	0.016	0.036	410.705	184.125	184.059	0.066
1994	29804	13404.876	13403.871	1.005	0.003	0.007	404.869	182.097	182.083	0.014
1995	29755	13407.404	13398.613	8.791	0.030	0.066	397.803	179.248	179.130	0.118
1996	30900	14056.435	14079.383	-22.948	-0.074	-0.163	407.587	185.412	185.714	-0.303
1997	31128	14163.848	14172.744	-8.896	-0.029	-0.063	404.834	184.207	184.323	-0.116
1998	32096	14738.220	14735.919	2.302	0.007	0.016	411.536	188.974	188.944	0.030
1999	34616	15867.376	15862.315	5.061	0.015	0.032	437.865	200.710	200.646	0.064
2000	34299	15766.470	15734.993	31.476	0.092	0.200	428.409	196.930	196.537	0.393
2001	34592	16091.193	16044.147	47.046	0.136	0.292	427.231	198.736	198.154	0.581
2002	34291	16120.902	16081.737	39.165	0.114	0.243	419.268	197.106	196.627	0.479
2003	35074	16455.810	16343.772	112.039	0.319	0.681	424.687	199.252	197.896	1.357
2004	33512	15694.580	15532.518	162.062	0.484	1.033	401.564	188.063	186.121	1.942
2005	35392	16549.102	16320.028	229.074	0.647	1.384	419.213	196.022	193.308	2.713
2006	33981	15926.096	15558.351	367.745	1.082	2.309	398.807	186.912	182.596	4.316
2007	34000	15778.477	15345.956	432.521	1.272	2.741	394.875	183.251	178.227	5.023
2008	37425	17438.838	16909.780	529.058	1.414	3.034	429.749	200.249	194.174	6.075
2009	36826	17214.158	16565.065	649.092	1.763	3.771	417.948	195.368	188.001	7.367

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	294040.266	2596.967	0.402	0.875	408.132	187.528	185.887	1.642

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN12
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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_18_Vary_parameter_combinations_2nd_set.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	RUN12

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 23, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2408.00	26.24	138.00	5.10			
5	All Ages	Current MRTP	194.00	2.11					
5	All Ages	Current Dual	104.00	1.13					
5	All Ages	Former	2571.00	28.02			15.75	136.00	5.29

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	1.00	0.29			2.00	0.00	0.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	233.00	25.46	0.00	0.00			
5	20-24	Current MRTP	20.00	2.19					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	21.00	2.30			3.38	6.00	28.57
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	273.00	28.50	4.00	1.25			
5	25-29	Current MRTP	28.00	2.92					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	111.00	11.59			5.01	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	487.00	45.34					
5	30-34	Current CC	342.00	31.84	10.00	2.56			
5	30-34	Current MRTP	33.00	3.07					
5	30-34	Current Dual	15.00	1.40					
5	30-34	Former	197.00	18.34			6.47	24.00	12.18
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	328.00	30.29	15.00	4.16			
5	35-39	Current MRTP	20.00	1.85					
5	35-39	Current Dual	13.00	1.20					
5	35-39	Former	248.00	22.90			7.92	17.00	6.85
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	274.00	28.16	13.00	4.41			
5	40-44	Current MRTP	16.00	1.64					
5	40-44	Current Dual	5.00	0.51					
5	40-44	Former	276.00	28.37			12.11	10.00	3.62
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	230.00	26.78	14.00	5.34			
5	45-49	Current MRTP	21.00	2.44					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	289.00	33.64			14.19	5.00	1.73
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	190.00	30.16	12.00	5.88			
5	50-54	Current MRTP	12.00	1.90					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	234.00	37.14			17.40	9.00	3.85
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	132.00	25.19	10.00	6.85			
5	55-59	Current MRTP	9.00	1.72					
5	55-59	Current Dual	5.00	0.95					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	111.00	21.55	15.00	11.54			
5	60-64	Current MRTP	12.00	2.33					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	244.00	47.38			19.10	5.00	2.05
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	120.00	24.00					
5	65-69	Current CC	114.00	22.80	13.00	10.57			
5	65-69	Current MRTP	5.00	1.00					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.09	9.00	3.50
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	18.00	21.18			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	6.00	1.34					
5	70-74	Former	257.00	57.37			22.79	8.00	3.11

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	70.00	19.50	14.00	17.95			
5	75-79	Current MRTP	6.00	1.67					
5	75-79	Current Dual	2.00	0.56					
5	75-79	Former	213.00	59.33			24.19	8.00	3.76

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2185.00	23.31	243.00	8.79			
10	All Ages	Current MRTP	402.00	4.29					
10	All Ages	Current Dual	178.00	1.90					
10	All Ages	Former	2527.00	26.95			17.74	148.00	5.86

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	170.00	18.97	0.00	0.00			
10	20-24	Current MRTP	20.00	2.23					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	14.00	1.56			2.93	7.00	50.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	238.00	26.01	3.00	0.93			
10	25-29	Current MRTP	45.00	4.92					
10	25-29	Current Dual	38.00	4.15					
10	25-29	Former	41.00	4.48			4.95	12.00	29.27

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	240.00	25.05	11.00	3.24			
10	30-34	Current MRTP	66.00	6.89					
10	30-34	Current Dual	33.00	3.44					
10	30-34	Former	136.00	14.20			8.19	12.00	8.82

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	302.00	28.12	19.00	5.05			
10	35-39	Current MRTP	55.00	5.12					
10	35-39	Current Dual	19.00	1.77					
10	35-39	Former	224.00	20.86			9.91	15.00	6.70

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	279.00	25.76	30.00	8.72			
10	40-44	Current MRTP	47.00	4.34					
10	40-44	Current Dual	18.00	1.66					
10	40-44	Former	269.00	24.84			11.40	19.00	7.06

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	244.00	25.08	23.00	8.19			
10	45-49	Current MRTP	31.00	3.19					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	290.00	29.80			15.71	16.00	5.52

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_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	190.00	22.12	33.00	13.52			
10	50-54	Current MRTP	39.00	4.54					
10	50-54	Current Dual	15.00	1.75					
10	50-54	Former	307.00	35.74			17.17	10.00	3.26
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	159.00	25.24	27.00	13.85			
10	55-59	Current MRTP	30.00	4.76					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	243.00	38.57			20.79	6.00	2.47
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	112.00	21.37	15.00	11.36			
10	60-64	Current MRTP	11.00	2.10					
10	60-64	Current Dual	9.00	1.72					
10	60-64	Former	237.00	45.23			19.70	14.00	5.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	95.00	18.45	24.00	19.35			
10	65-69	Current MRTP	22.00	4.27					
10	65-69	Current Dual	7.00	1.36					
10	65-69	Former	250.00	48.54			22.03	13.00	5.20
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	102.00	20.40	32.00	25.60			
10	70-74	Current MRTP	18.00	3.60					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	255.00	51.00			24.93	13.00	5.10
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	54.00	12.05	26.00	32.10			
10	75-79	Current MRTP	18.00	4.02					
10	75-79	Current Dual	9.00	2.01					
10	75-79	Former	261.00	58.26			25.96	11.00	4.21
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	3856.00	43.19					
15	All Ages	Current CC	1885.00	21.12	317.00	11.97			
15	All Ages	Current MRTP	552.00	6.18					
15	All Ages	Current Dual	212.00	2.37					
15	All Ages	Former	2422.00	27.13			19.33	126.00	5.20
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	177.00	19.75	1.00	0.39			
15	25-29	Current MRTP	52.00	5.80					
15	25-29	Current Dual	25.00	2.79					
15	25-29	Former	34.00	3.79			4.09	11.00	32.35
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	210.00	22.95	6.00	1.87			
15	30-34	Current MRTP	70.00	7.65					
15	30-34	Current Dual	41.00	4.48					
15	30-34	Former	74.00	8.09			5.86	15.00	20.27
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	215.00	22.44	19.00	5.69			
15	35-39	Current MRTP	81.00	8.46					
15	35-39	Current Dual	38.00	3.97					
15	35-39	Former	156.00	16.28			10.87	18.00	11.54
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	251.00	23.37	27.00	7.87			
15	40-44	Current MRTP	71.00	6.61					
15	40-44	Current Dual	21.00	1.96					
15	40-44	Former	259.00	24.12			12.56	19.00	7.34
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	470.00	43.40					
15	45-49	Current CC	246.00	22.71	43.00	12.91			
15	45-49	Current MRTP	65.00	6.00					
15	45-49	Current Dual	22.00	2.03					
15	45-49	Former	280.00	25.85			15.26	8.00	2.86
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	203.00	20.86	28.00	11.02			
15	50-54	Current MRTP	43.00	4.42					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.46	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	162.00	18.86	46.00	19.66			
15	55-59	Current MRTP	57.00	6.64					
15	55-59	Current Dual	15.00	1.75					
15	55-59	Former	317.00	36.90			20.68	15.00	4.73
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	144.00	22.86	37.00	19.37			
15	60-64	Current MRTP	40.00	6.35					
15	60-64	Current Dual	7.00	1.11					
15	60-64	Former	247.00	39.21			23.89	8.00	3.24
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	104.00	19.85	29.00	21.48			
15	65-69	Current MRTP	14.00	2.67					
15	65-69	Current Dual	17.00	3.24					
15	65-69	Former	234.00	44.66			23.14	4.00	1.71
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	85.00	16.50	36.00	28.80			
15	70-74	Current MRTP	30.00	5.83					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	249.00	48.35			25.52	7.00	2.81
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	45.00	36.00			
15	75-79	Current MRTP	29.00	5.80					
15	75-79	Current Dual	8.00	1.60					
15	75-79	Former	255.00	51.00			27.22	8.00	3.14
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1532.00	18.18	366.00	15.06			

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	668.00	7.93					
20	All Ages	Current Dual	231.00	2.74					
20	All Ages	Former	2320.00	27.53			20.57	124.00	5.34
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	162.00	18.08	5.00	1.87			
20	30-34	Current MRTP	67.00	7.48					
20	30-34	Current Dual	38.00	4.24					
20	30-34	Former	54.00	6.03			6.26	10.00	18.52
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	181.00	19.78	12.00	3.77			
20	35-39	Current MRTP	93.00	10.16					
20	35-39	Current Dual	44.00	4.81					
20	35-39	Former	95.00	10.38			8.15	14.00	14.74
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	459.00	47.91					
20	40-44	Current CC	187.00	19.52	25.00	7.72			
20	40-44	Current MRTP	96.00	10.02					
20	40-44	Current Dual	41.00	4.28					
20	40-44	Former	175.00	18.27			13.61	8.00	4.57
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	225.00	20.95	39.00	12.00			
20	45-49	Current MRTP	80.00	7.45					
20	45-49	Current Dual	20.00	1.86					
20	45-49	Former	277.00	25.79			15.71	14.00	5.05
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	195.00	18.01	47.00	15.82			
20	50-54	Current MRTP	84.00	7.76					
20	50-54	Current Dual	18.00	1.66					
20	50-54	Former	316.00	29.18			17.39	19.00	6.01
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	175.00	17.99	41.00	16.87			
20	55-59	Current MRTP	59.00	6.06					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	328.00	33.71			21.62	14.00	4.27
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	138.00	16.07	59.00	25.99			
20	60-64	Current MRTP	72.00	8.38					

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	324.00	37.72			23.53	13.00	4.01

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	114.00	18.10	49.00	27.53			
20	65-69	Current MRTP	54.00	8.57					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	260.00	41.27			25.36	12.00	4.62

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	90.00	17.18	43.00	31.39			
20	70-74	Current MRTP	26.00	4.96					
20	70-74	Current Dual	21.00	4.01					
20	70-74	Former	232.00	44.27			26.50	8.00	3.45

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	65.00	12.62	46.00	40.00			
20	75-79	Current MRTP	37.00	7.18					
20	75-79	Current Dual	13.00	2.52					
20	75-79	Former	259.00	50.29			26.71	12.00	4.63

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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	124087.408	45.175	0.014	0.036	4845.61	1920.39	1919.69	0.699
1992	308577	122143.718	121979.859	163.859	0.053	0.134	4692.62	1857.47	1854.98	2.492
1993	311713	123269.216	122919.261	349.956	0.112	0.284	4656.77	1841.55	1836.32	5.228
1994	305700	120480.723	119944.860	535.864	0.175	0.445	4482.57	1766.64	1758.79	7.858
1995	303225	118666.569	117916.797	749.772	0.247	0.632	4361.58	1706.89	1696.11	10.785
1996	299559	116607.195	115689.857	917.338	0.306	0.787	4242.85	1651.58	1638.59	12.993
1997	294226	114665.051	113652.361	1012.690	0.344	0.883	4100.64	1598.09	1583.98	14.114
1998	289258	113038.380	111843.237	1195.143	0.413	1.057	3966.28	1549.97	1533.58	16.388
1999	311002	117067.463	115403.711	1663.752	0.535	1.421	4198.14	1580.27	1557.81	22.459
2000	303786	114977.407	113154.341	1823.066	0.600	1.586	4041.13	1529.49	1505.24	24.251
2001	296294	113047.319	111097.127	1950.192	0.658	1.725	3890.54	1484.39	1458.78	25.607
2002	291898	111744.742	109667.048	2077.694	0.712	1.859	3789.34	1450.64	1423.67	26.972
2003	285865	110551.854	108243.085	2308.769	0.808	2.088	3671.31	1419.80	1390.14	29.651
2004	274177	107418.262	105102.420	2315.842	0.845	2.156	3481.92	1364.16	1334.75	29.410
2005	272379	107678.770	105280.284	2398.486	0.881	2.227	3417.44	1351.01	1320.91	30.093
2006	264118	104357.806	101928.050	2429.756	0.920	2.328	3281.83	1296.71	1266.52	30.191
2007	258419	102690.449	100193.999	2496.450	0.966	2.431	3176.05	1262.10	1231.42	30.682
2008	259461	103492.166	100614.738	2877.428	1.109	2.780	3150.91	1256.82	1221.87	34.944
2009	253907	101384.044	98348.609	3035.435	1.195	2.994	3045.20	1215.94	1179.53	36.405

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	5813942	2273243.679	2242897.014	30346.67	0.522	1.335	3927.78	1535.76	1515.26	20.502

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Main Results for E-Component Summarized over Simulations for Run: 23

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 23 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63057.182	11.604	0.015	0.018	1213.84	975.702	975.523	0.180
1992	77987	62535.347	62501.201	34.147	0.044	0.055	1185.97	950.993	950.474	0.519
1993	78542	62883.111	62816.818	66.294	0.084	0.105	1173.36	939.428	938.438	0.990
1994	77437	61805.804	61701.903	103.902	0.134	0.168	1135.48	906.276	904.753	1.524
1995	76904	61145.799	60996.186	149.614	0.195	0.245	1106.18	879.519	877.367	2.152
1996	76232	60385.323	60200.107	185.215	0.243	0.307	1079.72	855.277	852.654	2.623
1997	75473	59549.806	59359.962	189.844	0.252	0.319	1051.87	829.947	827.301	2.646
1998	75381	59292.315	59033.940	258.374	0.343	0.436	1033.62	813.010	809.467	3.543
1999	73159	57398.351	57064.792	333.560	0.456	0.581	987.557	774.807	770.305	4.503
2000	73784	57716.549	57316.129	400.419	0.543	0.694	981.515	767.777	762.450	5.327
2001	73294	57211.877	56770.081	441.796	0.603	0.772	962.399	751.230	745.429	5.801
2002	72442	56438.810	55964.897	473.913	0.654	0.840	940.422	732.673	726.521	6.152
2003	71942	55948.341	55440.578	507.763	0.706	0.908	923.937	718.533	712.012	6.521
2004	71301	55339.218	54809.898	529.320	0.742	0.957	905.490	702.783	696.061	6.722
2005	70964	54964.459	54430.989	533.470	0.752	0.971	890.360	689.620	682.926	6.693
2006	69658	53781.526	53251.892	529.635	0.760	0.985	865.543	668.268	661.687	6.581
2007	68565	52784.985	52247.517	537.468	0.784	1.018	842.687	648.745	642.139	6.606
2008	68226	52470.692	51825.341	645.352	0.946	1.230	828.542	637.208	629.371	7.837
2009	67509	51823.021	51139.535	683.486	1.012	1.319	809.661	621.533	613.336	8.197

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	1153373.353	6615.176	0.448	0.570	997.213	783.665	779.196	4.469

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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 Year	Number 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	37043.325	24.060	0.014	0.065	2599.72	573.449	573.077	0.372
1992	164548	35863.851	35765.462	98.390	0.060	0.274	2502.33	545.392	543.896	1.496
1993	164362	35459.800	35242.423	217.377	0.132	0.613	2455.45	529.744	526.496	3.247
1994	159866	34293.631	33971.324	322.308	0.202	0.940	2344.16	502.857	498.131	4.726
1995	158083	33531.695	33094.040	437.655	0.277	1.305	2273.86	482.318	476.023	6.295
1996	154875	32438.163	31913.534	524.629	0.339	1.617	2193.60	459.443	452.012	7.431
1997	149970	31179.663	30585.525	594.138	0.396	1.906	2090.14	434.552	426.271	8.281
1998	145407	29860.736	29208.947	651.790	0.448	2.183	1993.81	409.447	400.510	8.937
1999	165952	34413.904	33482.260	931.644	0.561	2.707	2240.15	464.545	451.969	12.576
2000	160260	33265.290	32287.027	978.263	0.610	2.941	2131.87	442.513	429.500	13.013
2001	154444	32074.102	31042.876	1031.225	0.668	3.215	2027.95	421.154	407.614	13.541
2002	151887	31817.956	30722.783	1095.173	0.721	3.442	1971.76	413.052	398.835	14.217
2003	146733	31025.931	29775.597	1250.335	0.852	4.030	1884.46	398.460	382.402	16.058
2004	138381	29503.602	28253.329	1250.273	0.904	4.238	1757.38	374.682	358.804	15.878
2005	135881	29077.894	27778.513	1299.381	0.956	4.469	1704.85	364.830	348.527	16.303
2006	131922	28385.448	27025.915	1359.533	1.031	4.790	1639.21	352.707	335.814	16.893
2007	126502	27327.625	25923.284	1404.341	1.110	5.139	1554.75	335.866	318.606	17.260
2008	125859	27025.472	25477.996	1547.475	1.230	5.726	1528.44	328.199	309.407	18.793
2009	122428	26361.626	24723.517	1638.109	1.338	6.214	1468.33	316.165	296.519	19.646

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	621700.573	16656.10	0.556	2.609	2024.64	431.261	420.009	11.253

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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_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4484.530	3.453	0.011	0.077	504.630	69.431	69.378	0.053
1992	32100	4371.196	4357.234	13.962	0.043	0.319	488.154	66.474	66.262	0.212
1993	32896	4414.136	4380.318	33.818	0.103	0.766	491.442	65.944	65.439	0.505
1994	33323	4474.895	4419.380	55.516	0.167	1.241	488.625	65.617	64.803	0.814
1995	33569	4476.290	4394.684	81.607	0.243	1.823	482.855	64.387	63.213	1.174
1996	33870	4489.078	4383.390	105.688	0.312	2.354	479.723	63.582	62.085	1.497
1997	33516	4444.866	4317.024	127.843	0.381	2.876	467.113	61.948	60.166	1.782
1998	32795	4313.427	4187.351	126.076	0.384	2.923	449.682	59.145	57.417	1.729
1999	33375	4232.739	4081.681	151.057	0.453	3.569	450.521	57.137	55.098	2.039
2000	33459	4307.577	4154.551	153.026	0.457	3.552	445.090	57.302	55.266	2.036
2001	32275	4136.308	3984.660	151.649	0.470	3.666	423.792	54.312	52.321	1.991
2002	31586	4079.175	3927.320	151.855	0.481	3.723	410.041	52.955	50.983	1.971
2003	30985	4096.221	3904.525	191.697	0.619	4.680	397.934	52.607	50.145	2.462
2004	29884	4034.217	3846.491	187.726	0.628	4.653	379.513	51.233	48.849	2.384
2005	28708	3944.303	3756.082	188.221	0.656	4.772	360.189	49.488	47.126	2.362
2006	28188	3970.169	3764.342	205.827	0.730	5.184	350.253	49.332	46.774	2.558
2007	28026	3957.558	3735.137	222.421	0.794	5.620	344.449	48.640	45.906	2.734
2008	27128	3812.302	3590.978	221.323	0.816	5.806	329.444	46.297	43.609	2.688
2009	27068	3827.467	3576.942	250.525	0.926	6.545	324.637	45.904	42.900	3.005

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	81834.214	2623.289	0.418	3.106	424.421	57.058	55.286	1.772

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Main Results for E-Component Summarized over Simulations for Run: 23

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19502.372	6.059	0.018	0.031	527.418	301.804	301.710	0.094
1992	33942	19373.324	19355.963	17.361	0.051	0.090	516.166	294.616	294.352	0.264
1993	35913	20512.169	20479.703	32.466	0.090	0.158	536.514	306.437	305.952	0.485
1994	35074	19906.392	19852.254	54.138	0.154	0.272	514.300	291.893	291.099	0.794
1995	34669	19512.784	19431.888	80.897	0.233	0.415	498.677	280.671	279.507	1.164
1996	34582	19294.631	19192.826	101.805	0.294	0.528	489.808	273.283	271.841	1.442
1997	35267	19490.717	19389.851	100.866	0.286	0.518	491.517	271.643	270.237	1.406
1998	35675	19571.902	19413.000	158.902	0.445	0.812	489.172	268.368	266.189	2.179
1999	38516	21022.469	20774.978	247.491	0.643	1.177	519.919	283.777	280.437	3.341
2000	36283	19687.992	19396.635	291.357	0.803	1.480	482.656	261.900	258.025	3.876
2001	36281	19625.032	19299.510	325.521	0.897	1.659	476.394	257.690	253.415	4.274
2002	35983	19408.801	19052.048	356.752	0.991	1.838	467.122	251.960	247.329	4.631
2003	36205	19481.360	19122.385	358.975	0.992	1.843	464.974	250.195	245.585	4.610
2004	34611	18541.224	18192.701	348.523	1.007	1.880	439.544	235.465	231.039	4.426
2005	36826	19692.114	19314.700	377.414	1.025	1.917	462.043	247.070	242.335	4.735
2006	34350	18220.663	17885.902	334.761	0.975	1.837	426.820	226.403	222.243	4.160
2007	35326	18620.282	18288.061	332.220	0.940	1.784	434.168	228.849	224.766	4.083
2008	38248	20183.701	19720.423	463.278	1.211	2.295	464.487	245.112	239.486	5.626
2009	36902	19371.930	18908.616	463.314	1.256	2.392	442.580	232.335	226.778	5.557

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	385988.873	4452.101	0.625	1.140	481.512	263.774	260.766	3.008

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN12
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 24, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	RUN12

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000300	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000400	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000600	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000900	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000300	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000400	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000600	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000900	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000900	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000800	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000800	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000800	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000800	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000800	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000800	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000800	0.002000

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	1959.00	21.57	119.00	5.34			
5	All Ages	Current MRTP	194.00	2.14					
5	All Ages	Current Dual	75.00	0.83					
5	All Ages	Former	1970.00	21.70			14.94	102.00	5.18

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	4.00	1.34					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	218.00	25.83	3.00	1.20			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	19.00	2.25			3.16	7.00	36.84
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	457.00	54.99					
5	25-29	Current CC	198.00	23.83	11.00	4.56			
5	25-29	Current MRTP	26.00	3.13					
5	25-29	Current Dual	17.00	2.05					
5	25-29	Former	133.00	16.00			5.55	10.00	7.52
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	516.00	51.65					
5	30-34	Current CC	271.00	27.13	13.00	4.32			
5	30-34	Current MRTP	21.00	2.10					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	182.00	18.22			7.80	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	550.00	49.02					
5	35-39	Current CC	290.00	25.85	9.00	2.71			
5	35-39	Current MRTP	33.00	2.94					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	240.00	21.39			8.48	15.00	6.25
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	205.00	21.13	10.00	4.42			
5	40-44	Current MRTP	15.00	1.55					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	255.00	26.29			11.45	15.00	5.88
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	165.00	20.35	10.00	5.41			
5	45-49	Current MRTP	13.00	1.60					
5	45-49	Current Dual	7.00	0.86					
5	45-49	Former	204.00	25.15			11.24	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	143.00	23.03	10.00	6.41			
5	50-54	Current MRTP	12.00	1.93					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	164.00	26.41			15.48	11.00	6.71
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	118.00	22.06	7.00	5.30			
5	55-59	Current MRTP	13.00	2.43					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	151.00	28.22			15.46	3.00	1.99
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	98.00	20.08	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	2.00	0.41					
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	103.00	19.22	14.00	11.76			
5	65-69	Current MRTP	11.00	2.05					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	157.00	29.29			22.18	6.00	3.82
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_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	73.00	13.54	12.00	14.29			
5	70-74	Current MRTP	8.00	1.48					
5	70-74	Current Dual	3.00	0.56					
5	70-74	Former	175.00	32.47			24.84	5.00	2.86

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	48.00	9.88	13.00	21.31			
5	75-79	Current MRTP	10.00	2.06					
5	75-79	Current Dual	3.00	0.62					
5	75-79	Former	158.00	32.51			28.35	1.00	0.63

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1762.00	19.34	195.00	8.64			
10	All Ages	Current MRTP	341.00	3.74					
10	All Ages	Current Dual	154.00	1.69					
10	All Ages	Former	1983.00	21.77			16.46	100.00	5.04

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	632.00	77.74					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	19.00	2.34					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	12.00	1.48			3.58	2.00	16.67

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	527.00	62.44					
10	25-29	Current CC	202.00	23.93	5.00	1.80			
10	25-29	Current MRTP	48.00	5.69					
10	25-29	Current Dual	28.00	3.32					
10	25-29	Former	39.00	4.62			4.67	10.00	25.64

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	176.00	21.18	15.00	5.91			
10	30-34	Current MRTP	46.00	5.54					
10	30-34	Current Dual	32.00	3.85					
10	30-34	Former	154.00	18.53			8.98	14.00	9.09

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	234.00	23.42	23.00	7.59			
10	35-39	Current MRTP	46.00	4.60					
10	35-39	Current Dual	23.00	2.30					
10	35-39	Former	203.00	20.32			10.83	16.00	7.88

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	242.00	21.57	21.00	6.89			
10	40-44	Current MRTP	44.00	3.92					
10	40-44	Current Dual	19.00	1.69					
10	40-44	Former	277.00	24.69			11.36	15.00	5.42

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	173.00	17.84	23.00	10.90			
10	45-49	Current MRTP	28.00	2.89					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	270.00	27.84			15.11	7.00	2.59

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	144.00	17.76	21.00	12.14			
10	50-54	Current MRTP	23.00	2.84					
10	50-54	Current Dual	6.00	0.74					
10	50-54	Former	216.00	26.63			14.64	6.00	2.78
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	122.00	19.65	15.00	10.34			
10	55-59	Current MRTP	19.00	3.06					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	175.00	28.18			18.45	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	101.00	18.88	11.00	9.09			
10	60-64	Current MRTP	17.00	3.18					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	162.00	30.28			18.65	4.00	2.47
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	13.00	12.75			
10	65-69	Current MRTP	11.00	2.25					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	136.00	27.87			24.28	4.00	2.94
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	82.00	15.30	19.00	17.59			
10	70-74	Current MRTP	20.00	3.73					
10	70-74	Current Dual	6.00	1.12					
10	70-74	Former	168.00	31.34			24.49	9.00	5.36
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	61.00	11.32	29.00	32.95			
10	75-79	Current MRTP	20.00	3.71					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	171.00	31.73			27.92	7.00	4.09
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1469.00	17.14	249.00	11.70			
15	All Ages	Current MRTP	456.00	5.32					
15	All Ages	Current Dual	203.00	2.37					
15	All Ages	Former	1979.00	23.09			17.87	104.00	5.26
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	144.00	17.71	2.00	0.93			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	26.00	3.20					
15	25-29	Former	28.00	3.44			3.75	12.00	42.86
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	183.00	21.68	8.00	2.73			
15	30-34	Current MRTP	68.00	8.06					
15	30-34	Current Dual	42.00	4.98					
15	30-34	Former	69.00	8.18			5.94	14.00	20.29
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	148.00	17.81	25.00	10.46			
15	35-39	Current MRTP	55.00	6.62					
15	35-39	Current Dual	36.00	4.33					
15	35-39	Former	183.00	22.02			11.55	15.00	8.20
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	202.00	20.22	36.00	12.29			
15	40-44	Current MRTP	62.00	6.21					
15	40-44	Current Dual	29.00	2.90					
15	40-44	Former	217.00	21.72			14.22	8.00	3.69
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	203.00	18.09	28.00	9.72			
15	45-49	Current MRTP	63.00	5.61					
15	45-49	Current Dual	22.00	1.96					
15	45-49	Former	294.00	26.20			14.98	9.00	3.06
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	489.00	50.41					
15	50-54	Current CC	141.00	14.54	32.00	16.33			
15	50-54	Current MRTP	41.00	4.23					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	285.00	29.38			18.24	11.00	3.86
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	125.00	15.41	28.00	17.18			
15	55-59	Current MRTP	28.00	3.45					
15	55-59	Current Dual	10.00	1.23					
15	55-59	Former	226.00	27.87			18.01	8.00	3.54
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	99.00	15.94	18.00	13.64			
15	60-64	Current MRTP	28.00	4.51					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	188.00	30.27			21.12	3.00	1.60
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	90.00	16.82	24.00	20.69			
15	65-69	Current MRTP	22.00	4.11					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	20.00	21.51			
15	70-74	Current MRTP	17.00	3.48					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	145.00	29.71			25.70	6.00	4.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	66.00	12.31	28.00	28.28			
15	75-79	Current MRTP	26.00	4.85					
15	75-79	Current Dual	7.00	1.31					
15	75-79	Former	177.00	33.02			26.18	11.00	6.21
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1200.00	14.94	284.00	14.65			

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	526.00	6.55					
20	All Ages	Current Dual	212.00	2.64					
20	All Ages	Former	1952.00	24.30			19.54	91.00	4.66

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	536.00	65.93					
20	30-34	Current CC	135.00	16.61	4.00	1.75			
20	30-34	Current MRTP	63.00	7.75					
20	30-34	Current Dual	30.00	3.69					
20	30-34	Former	49.00	6.03			5.88	8.00	16.33

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	150.00	17.77	12.00	4.26			
20	35-39	Current MRTP	88.00	10.43					
20	35-39	Current Dual	44.00	5.21					
20	35-39	Former	96.00	11.37			8.00	11.00	11.46

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	124.00	14.92	30.00	13.10			
20	40-44	Current MRTP	67.00	8.06					
20	40-44	Current Dual	38.00	4.57					
20	40-44	Former	203.00	24.43			14.80	6.00	2.96

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	178.00	17.82	42.00	15.27			
20	45-49	Current MRTP	68.00	6.81					
20	45-49	Current Dual	29.00	2.90					
20	45-49	Former	235.00	23.52			17.14	7.00	2.98

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	540.00	48.13					
20	50-54	Current CC	170.00	15.15	40.00	14.98			
20	50-54	Current MRTP	75.00	6.68					
20	50-54	Current Dual	22.00	1.96					
20	50-54	Former	315.00	28.07			17.79	16.00	5.08

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	119.00	12.27	40.00	22.10			
20	55-59	Current MRTP	48.00	4.95					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	300.00	30.93			21.13	11.00	3.67

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	103.00	12.70	34.00	22.52			
20	60-64	Current MRTP	36.00	4.44					

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	12.00	1.48					
20	60-64	Former	238.00	29.35			21.02	9.00	3.78

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	87.00	14.01	24.00	18.90			
20	65-69	Current MRTP	33.00	5.31					
20	65-69	Current Dual	7.00	1.13					
20	65-69	Former	193.00	31.08			24.36	5.00	2.59

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	75.00	14.02	26.00	24.30			
20	70-74	Current MRTP	27.00	5.05					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	176.00	32.90			24.78	8.00	4.55

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	32.00	35.16			
20	75-79	Current MRTP	21.00	4.30					
20	75-79	Current Dual	11.00	2.25					
20	75-79	Former	147.00	30.12			27.50	10.00	6.80

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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	59111.056	16.805	0.008	0.028	2826.86	839.248	839.009	0.239
1992	198532	60226.142	60207.316	18.826	0.009	0.031	2778.64	842.922	842.659	0.263
1993	202512	62332.320	62287.009	45.311	0.022	0.073	2793.47	859.818	859.193	0.625
1994	200658	62691.239	62637.076	54.163	0.027	0.086	2725.82	851.622	850.886	0.736
1995	201023	63132.954	63046.260	86.694	0.043	0.137	2687.54	844.043	842.884	1.159
1996	201180	64309.880	64290.316	19.565	0.010	0.030	2653.67	848.280	848.022	0.258
1997	198639	64547.894	64478.816	69.077	0.035	0.107	2583.39	839.475	838.577	0.898
1998	197573	65384.866	65234.129	150.737	0.076	0.231	2533.29	838.367	836.434	1.933
1999	211329	67554.762	67279.704	275.058	0.130	0.407	2673.14	854.513	851.034	3.479
2000	208496	68184.366	67827.133	357.234	0.171	0.524	2604.20	851.652	847.190	4.462
2001	203606	68286.060	67776.280	509.781	0.250	0.747	2514.65	843.372	837.076	6.296
2002	200828	68983.996	68445.953	538.043	0.268	0.780	2455.47	843.450	836.872	6.579
2003	196352	68717.830	67978.890	738.940	0.376	1.075	2377.49	832.057	823.110	8.947
2004	188160	67344.952	66336.248	1008.703	0.536	1.498	2254.66	806.974	794.887	12.087
2005	186416	67846.650	66669.615	1177.035	0.631	1.735	2208.07	803.634	789.692	13.942
2006	180088	66622.465	64979.957	1642.508	0.912	2.465	2113.55	781.893	762.617	19.277
2007	175644	65977.201	64085.876	1891.325	1.077	2.867	2039.92	766.256	744.291	21.966
2008	177570	67121.344	65028.742	2092.602	1.178	3.118	2039.03	770.751	746.722	24.029
2009	172806	66622.993	64180.367	2442.626	1.414	3.666	1961.22	756.123	728.401	27.722

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	1289181.332	13135.03	0.337	1.009	2465.77	823.300	814.996	8.304

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Main Results for E-Component Summarized over Simulations for Run: 24

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	31524.455	5.564	0.013	0.018	620.154	447.530	447.451	0.079
1992	45423	32811.446	32807.331	4.115	0.009	0.013	635.738	459.227	459.170	0.058
1993	46291	33467.735	33459.902	7.833	0.017	0.023	638.542	461.657	461.549	0.108
1994	47017	33989.389	33984.152	5.236	0.011	0.015	638.697	461.725	461.654	0.071
1995	47840	34566.580	34554.203	12.377	0.026	0.036	639.587	462.131	461.965	0.165
1996	48244	34997.958	35014.591	-16.633	-0.034	-0.048	636.363	461.641	461.860	-0.219
1997	49035	35549.658	35553.335	-3.678	-0.008	-0.010	637.723	462.340	462.387	-0.048
1998	49686	36138.033	36125.134	12.899	0.026	0.036	637.076	463.363	463.198	0.165
1999	48883	35506.142	35475.316	30.826	0.063	0.087	618.331	449.124	448.734	0.390
2000	50331	36573.306	36516.157	57.149	0.114	0.156	628.656	456.816	456.102	0.714
2001	50389	36733.445	36641.561	91.884	0.182	0.250	622.333	453.679	452.544	1.135
2002	51445	37627.700	37516.422	111.278	0.216	0.296	629.005	460.065	458.704	1.361
2003	51408	37552.784	37371.815	180.969	0.352	0.482	622.464	454.701	452.510	2.191
2004	51399	37527.823	37259.919	267.904	0.521	0.714	615.898	449.684	446.474	3.210
2005	51421	37486.186	37175.387	310.799	0.604	0.829	609.074	444.018	440.337	3.681
2006	51355	37409.496	36923.923	485.573	0.946	1.298	602.712	439.045	433.346	5.699
2007	51839	37602.867	37028.808	574.059	1.107	1.527	602.056	436.718	430.051	6.667
2008	50976	36986.957	36372.298	614.659	1.206	1.662	585.355	424.719	417.661	7.058
2009	51193	37201.944	36445.185	756.759	1.478	2.034	581.003	422.215	413.626	8.589

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	708395.265	3509.574	0.358	0.493	619.890	450.053	447.834	2.219

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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	12658.988	3.992	0.004	0.032	1368.32	179.735	179.679	0.057
1992	93721	12337.995	12328.821	9.174	0.010	0.074	1311.71	172.682	172.554	0.128
1993	93679	12401.934	12376.274	25.660	0.027	0.207	1292.22	171.073	170.719	0.354
1994	90832	12128.576	12089.530	39.046	0.043	0.322	1233.90	164.759	164.229	0.530
1995	89698	11958.696	11905.702	52.994	0.059	0.443	1199.20	159.879	159.171	0.708
1996	88286	12020.749	11969.090	51.659	0.059	0.430	1164.54	158.560	157.878	0.681
1997	84777	11593.724	11514.109	79.615	0.094	0.687	1102.56	150.782	149.746	1.035
1998	82517	11337.035	11213.103	123.931	0.150	1.093	1058.04	145.364	143.775	1.589
1999	93939	13027.458	12815.265	212.193	0.226	1.629	1188.25	164.787	162.103	2.684
2000	90039	12607.547	12378.538	229.010	0.254	1.816	1124.63	157.474	154.613	2.860
2001	86119	12350.451	12038.266	312.185	0.363	2.528	1063.62	152.535	148.680	3.856
2002	83014	12112.097	11783.829	328.268	0.395	2.710	1014.99	148.092	144.078	4.014
2003	79302	11683.252	11298.729	384.523	0.485	3.291	960.214	141.465	136.809	4.656
2004	73861	11139.095	10658.178	480.918	0.651	4.317	885.053	133.476	127.714	5.763
2005	71649	10884.683	10349.172	535.511	0.747	4.920	848.672	128.927	122.584	6.343
2006	67551	10397.565	9744.450	653.115	0.967	6.281	792.791	122.028	114.363	7.665
2007	63503	9785.831	9049.633	736.198	1.159	7.523	737.521	113.652	105.102	8.550
2008	63171	9922.524	9116.211	806.313	1.276	8.126	725.389	113.940	104.681	9.259
2009	59747	9483.598	8606.037	877.561	1.469	9.253	678.085	107.632	97.672	9.960

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	226540.685	5941.864	0.360	2.556	1043.56	146.971	143.215	3.756

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Main Results for E-Component Summarized over Simulations for Run: 24

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 24 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3113.716	2.300	0.007	0.074	461.369	44.228	44.195	0.033
1992	32560	3095.448	3092.526	2.922	0.009	0.094	455.708	43.324	43.283	0.041
1993	32768	3114.516	3106.914	7.602	0.023	0.244	452.005	42.962	42.857	0.105
1994	33005	3168.398	3157.395	11.004	0.033	0.347	448.353	43.041	42.891	0.149
1995	33730	3200.274	3183.684	16.590	0.049	0.518	450.946	42.785	42.564	0.222
1996	33750	3234.738	3217.210	17.529	0.052	0.542	445.180	42.668	42.437	0.231
1997	33699	3240.665	3222.514	18.151	0.054	0.560	438.271	42.146	41.910	0.236
1998	33274	3171.578	3138.087	33.490	0.101	1.056	426.640	40.666	40.237	0.429
1999	33891	3153.786	3099.887	53.900	0.159	1.709	428.694	39.893	39.211	0.682
2000	33827	3237.043	3165.932	71.111	0.210	2.197	422.514	40.432	39.544	0.888
2001	32506	3110.972	3013.661	97.311	0.299	3.128	401.468	38.422	37.220	1.202
2002	32078	3123.298	3018.949	104.349	0.325	3.341	392.210	38.188	36.912	1.276
2003	30568	3025.984	2905.825	120.159	0.393	3.971	370.127	36.640	35.185	1.455
2004	29388	2983.453	2825.735	157.718	0.537	5.286	352.147	35.750	33.860	1.890
2005	27954	2926.679	2750.639	176.040	0.630	6.015	331.111	34.666	32.581	2.085
2006	27201	2889.308	2682.117	207.191	0.762	7.171	319.236	33.909	31.478	2.432
2007	26302	2810.025	2571.129	238.896	0.908	8.502	305.470	32.636	29.861	2.775
2008	25998	2773.025	2520.831	252.194	0.970	9.095	298.534	31.843	28.947	2.896
2009	25040	2723.293	2439.409	283.884	1.134	10.424	284.186	30.907	27.686	3.222

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59419.402	1872.341	0.300	3.055	394.195	38.747	37.564	1.184

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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	11813.898	4.950	0.019	0.042	377.015	167.754	167.684	0.070
1992	26828	11981.252	11978.638	2.614	0.010	0.022	375.483	167.689	167.652	0.037
1993	29774	13348.134	13343.919	4.215	0.014	0.032	410.705	184.125	184.067	0.058
1994	29804	13404.876	13405.999	-1.123	-0.004	-0.008	404.869	182.097	182.112	-0.015
1995	29755	13407.404	13402.671	4.733	0.016	0.035	397.803	179.248	179.184	0.063
1996	30900	14056.435	14089.425	-32.990	-0.107	-0.235	407.587	185.412	185.847	-0.435
1997	31128	14163.848	14188.858	-25.010	-0.080	-0.177	404.834	184.207	184.533	-0.325
1998	32096	14738.220	14757.804	-19.584	-0.061	-0.133	411.536	188.974	189.225	-0.251
1999	34616	15867.376	15889.236	-21.860	-0.063	-0.138	437.865	200.710	200.986	-0.277
2000	34299	15766.470	15766.506	-0.037	-0.000	-0.000	428.409	196.930	196.930	-0.000
2001	34592	16091.193	16082.792	8.401	0.024	0.052	427.231	198.736	198.632	0.104
2002	34291	16120.902	16126.753	-5.852	-0.017	-0.036	419.268	197.106	197.178	-0.072
2003	35074	16455.810	16402.521	53.289	0.152	0.324	424.687	199.252	198.607	0.645
2004	33512	15694.580	15592.417	102.163	0.305	0.651	401.564	188.063	186.839	1.224
2005	35392	16549.102	16394.418	154.684	0.437	0.935	419.213	196.022	194.189	1.832
2006	33981	15926.096	15629.467	296.629	0.873	1.863	398.807	186.912	183.430	3.481
2007	34000	15778.477	15436.306	342.171	1.006	2.169	394.875	183.251	179.277	3.974
2008	37425	17438.838	17019.402	419.436	1.121	2.405	429.749	200.249	195.433	4.816
2009	36826	17214.158	16689.736	524.422	1.424	3.046	417.948	195.368	189.416	5.952

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	294825.979	1811.254	0.281	0.611	408.132	187.528	186.383	1.145

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN13
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 25, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	RUN13

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 25, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	124.00	4.63			
5	All Ages	Current MRTP	97.00	1.06					
5	All Ages	Current Dual	91.00	0.99					
5	All Ages	Former	2600.00	28.33			15.59	147.00	5.65

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	1.00	0.32			
5	25-29	Current MRTP	17.00	1.77					
5	25-29	Current Dual	16.00	1.67					
5	25-29	Former	117.00	12.21			4.88	22.00	18.80
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	356.00	33.15	8.00	2.11			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	12.00	1.12					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	13.00	3.66			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
5	35-39	Former	254.00	23.45			7.76	19.00	7.48
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	11.00	4.35			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	298.00	34.69			13.82	10.00	3.36
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	9.00	6.21			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	224.00	42.75			16.80	14.00	6.25
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	17.00	19.32			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	254.00	56.70			23.01	9.00	3.54

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	73.00	20.33	11.00	13.92			
5	75-79	Current MRTP	3.00	0.84					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	212.00	59.05			24.31	6.00	2.83

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2333.00	24.89	203.00	7.60			
10	All Ages	Current MRTP	197.00	2.10					
10	All Ages	Current Dual	141.00	1.50					
10	All Ages	Former	2621.00	27.96			17.23	172.00	6.56

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	12.00	1.34					
10	20-24	Former	12.00	1.34			2.67	5.00	41.67

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	244.00	26.67	5.00	1.62			
10	25-29	Current MRTP	31.00	3.39					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	53.00	5.79			4.28	19.00	35.85

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	252.00	26.30	5.00	1.58			
10	30-34	Current MRTP	36.00	3.76					
10	30-34	Current Dual	28.00	2.92					
10	30-34	Former	159.00	16.60			7.45	21.00	13.21

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	325.00	30.26	18.00	4.97			
10	35-39	Current MRTP	21.00	1.96					
10	35-39	Current Dual	16.00	1.49					
10	35-39	Former	238.00	22.16			9.66	20.00	8.40

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	290.00	26.78	23.00	7.26			
10	40-44	Current MRTP	20.00	1.85					
10	40-44	Current Dual	7.00	0.65					
10	40-44	Former	296.00	27.33			10.66	26.00	8.78

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	22.00	7.75			
10	45-49	Current MRTP	13.00	1.34					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.73	14.00	4.88

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	28.00	11.48			
10	50-54	Current MRTP	16.00	1.86					
10	50-54	Current Dual	14.00	1.63					
10	50-54	Former	307.00	35.74			17.31	6.00	1.95
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	23.00	12.30			
10	55-59	Current MRTP	12.00	1.90					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	251.00	39.84			20.20	11.00	4.38
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	12.00	8.96			
10	60-64	Current MRTP	2.00	0.38					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	235.00	44.85			19.94	9.00	3.83
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	20.00	16.95			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	256.00	49.71			21.64	13.00	5.08
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	29.00	23.77			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	258.00	51.60			24.69	14.00	5.43
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	18.00	24.66			
10	75-79	Current MRTP	10.00	2.23					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	269.00	60.04			25.18	14.00	5.20
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2076.00	23.26	255.00	10.25			
15	All Ages	Current MRTP	252.00	2.82					
15	All Ages	Current Dual	159.00	1.78					
15	All Ages	Former	2584.00	28.95			18.48	163.00	6.31
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	41.00	4.58					
15	25-29	Current Dual	23.00	2.57					
15	25-29	Former	39.00	4.35			3.59	13.00	33.33
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	224.00	24.48	9.00	2.99			
15	30-34	Current MRTP	43.00	4.70					
15	30-34	Current Dual	34.00	3.72					
15	30-34	Former	94.00	10.27			5.61	23.00	24.47
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	231.00	24.11	13.00	4.35			
15	35-39	Current MRTP	37.00	3.86					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	191.00	19.94			10.09	21.00	10.99
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	288.00	26.82	25.00	7.58			
15	40-44	Current MRTP	26.00	2.42					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	272.00	25.33			12.46	17.00	6.25
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	264.00	24.38	33.00	11.11			
15	45-49	Current MRTP	23.00	2.12					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	316.00	29.18			14.25	14.00	4.43
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	224.00	23.02	26.00	10.53			
15	50-54	Current MRTP	16.00	1.64					
15	50-54	Current Dual	7.00	0.72					
15	50-54	Former	324.00	33.30			17.98	17.00	5.25
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	192.00	22.35	32.00	14.41			
15	55-59	Current MRTP	17.00	1.98					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	329.00	38.30			20.14	19.00	5.78
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	30.00	17.14			
15	60-64	Current MRTP	16.00	2.54					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	263.00	41.75			22.76	13.00	4.94
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	123.00	23.47	27.00	20.00			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	234.00	44.66			23.21	5.00	2.14
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	91.00	17.67	25.00	21.93			
15	70-74	Current MRTP	15.00	2.91					
15	70-74	Current Dual	8.00	1.55					
15	70-74	Former	260.00	50.49			24.72	10.00	3.85
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	35.00	29.66			
15	75-79	Current MRTP	15.00	3.00					
15	75-79	Current Dual	5.00	1.00					
15	75-79	Former	262.00	52.40			26.59	11.00	4.20
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1749.00	20.75	282.00	12.94			

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	258.00	3.06					
20	All Ages	Current Dual	172.00	2.04					
20	All Ages	Former	2572.00	30.52			19.27	168.00	6.53
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	175.00	19.53	3.00	1.22			
20	30-34	Current MRTP	41.00	4.58					
20	30-34	Current Dual	30.00	3.35					
20	30-34	Former	75.00	8.37			5.40	17.00	22.67
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	197.00	21.53	15.00	5.38			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	34.00	3.72					
20	35-39	Former	134.00	14.64			7.49	22.00	16.42
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	210.00	21.92	21.00	7.55			
20	40-44	Current MRTP	35.00	3.65					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	221.00	23.07			12.70	14.00	6.33
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	265.00	24.67	30.00	9.90			
20	45-49	Current MRTP	26.00	2.42					
20	45-49	Current Dual	12.00	1.12					
20	45-49	Former	299.00	27.84			15.22	22.00	7.36
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	228.00	21.05	43.00	16.10			
20	50-54	Current MRTP	31.00	2.86					
20	50-54	Current Dual	8.00	0.74					
20	50-54	Former	346.00	31.95			16.87	17.00	4.91
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	200.00	20.55	32.00	14.29			
20	55-59	Current MRTP	16.00	1.64					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	347.00	35.66			20.65	14.00	4.03
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	169.00	19.67	38.00	18.45			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	16.00	1.86					
20	60-64	Former	345.00	40.16			22.48	16.00	4.64

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	128.00	20.32	35.00	22.15			
20	65-69	Current MRTP	20.00	3.17					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.20	15.00	5.36

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	105.00	20.04	35.00	28.23			
20	70-74	Current MRTP	10.00	1.91					
20	70-74	Current Dual	9.00	1.72					
20	70-74	Former	245.00	46.76			25.41	11.00	4.49

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	72.00	13.98	30.00	31.91			
20	75-79	Current MRTP	10.00	1.94					
20	75-79	Current Dual	12.00	2.33					
20	75-79	Former	280.00	54.37			25.13	20.00	7.14

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.847	33.736	0.011	0.027	4845.61	1920.39	1919.86	0.522
1992	308577	122143.718	122013.646	130.072	0.042	0.106	4692.62	1857.47	1855.50	1.978
1993	311713	123269.216	122987.309	281.907	0.090	0.229	4656.77	1841.55	1837.34	4.211
1994	305700	120480.723	120087.150	393.573	0.129	0.327	4482.57	1766.64	1760.87	5.771
1995	303225	118666.569	118117.447	549.122	0.181	0.463	4361.58	1706.89	1699.00	7.899
1996	299559	116607.195	115912.354	694.841	0.232	0.596	4242.85	1651.58	1641.74	9.841
1997	294226	114665.051	113890.383	774.668	0.263	0.676	4100.64	1598.09	1587.29	10.797
1998	289258	113038.380	112089.442	948.938	0.328	0.839	3966.28	1549.97	1536.96	13.012
1999	311002	117067.463	115756.189	1311.274	0.422	1.120	4198.14	1580.27	1562.57	17.701
2000	303786	114977.407	113574.277	1403.130	0.462	1.220	4041.13	1529.49	1510.83	18.665
2001	296294	113047.319	111560.842	1486.477	0.502	1.315	3890.54	1484.39	1464.87	19.518
2002	291898	111744.742	110146.263	1598.479	0.548	1.430	3789.34	1450.64	1429.89	20.751
2003	285865	110551.854	108808.450	1743.404	0.610	1.577	3671.31	1419.80	1397.41	22.390
2004	274177	107418.262	105685.709	1732.553	0.632	1.613	3481.92	1364.16	1342.16	22.003
2005	272379	107678.770	105901.591	1777.178	0.652	1.650	3417.44	1351.01	1328.71	22.298
2006	264118	104357.806	102597.798	1760.008	0.666	1.687	3281.83	1296.71	1274.84	21.869
2007	258419	102690.449	100815.687	1874.762	0.725	1.826	3176.05	1262.10	1239.06	23.041
2008	259461	103492.166	101321.242	2170.925	0.837	2.098	3150.91	1256.82	1230.45	26.364
2009	253907	101384.044	99038.764	2345.280	0.924	2.313	3045.20	1215.94	1187.81	28.128

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	2250233.352	23010.33	0.396	1.012	3927.78	1535.76	1520.21	15.545

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	63059.137	9.649	0.012	0.015	1213.84	975.702	975.553	0.149
1992	77987	62535.347	62506.191	29.156	0.037	0.047	1185.97	950.993	950.550	0.443
1993	78542	62883.111	62826.207	56.904	0.072	0.090	1173.36	939.428	938.578	0.850
1994	77437	61805.804	61723.111	82.693	0.107	0.134	1135.48	906.276	905.064	1.213
1995	76904	61145.799	61028.964	116.836	0.152	0.191	1106.18	879.519	877.838	1.681
1996	76232	60385.323	60237.602	147.720	0.194	0.245	1079.72	855.277	853.185	2.092
1997	75473	59549.806	59399.595	150.210	0.199	0.252	1051.87	829.947	827.854	2.093
1998	75381	59292.315	59073.983	218.331	0.290	0.368	1033.62	813.010	810.016	2.994
1999	73159	57398.351	57117.981	280.370	0.383	0.488	987.557	774.807	771.023	3.785
2000	73784	57716.549	57382.989	333.560	0.452	0.578	981.515	767.777	763.340	4.437
2001	73294	57211.877	56850.277	361.600	0.493	0.632	962.399	751.230	746.482	4.748
2002	72442	56438.810	56045.390	393.420	0.543	0.697	940.422	732.673	727.566	5.107
2003	71942	55948.341	55545.049	403.293	0.561	0.721	923.937	718.533	713.354	5.179
2004	71301	55339.218	54926.662	412.557	0.579	0.746	905.490	702.783	697.544	5.239
2005	70964	54964.459	54560.728	403.731	0.569	0.735	890.360	689.620	684.554	5.065
2006	69658	53781.526	53392.665	388.861	0.558	0.723	865.543	668.268	663.437	4.832
2007	68565	52784.985	52386.079	398.906	0.582	0.756	842.687	648.745	643.842	4.903
2008	68226	52470.692	51990.479	480.213	0.704	0.915	828.542	637.208	631.376	5.832
2009	67509	51823.021	51302.180	520.841	0.772	1.005	809.661	621.533	615.287	6.247

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	1154799.679	5188.850	0.352	0.447	997.213	783.665	780.160	3.505

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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	37049.863	17.521	0.010	0.047	2599.72	573.449	573.178	0.271
1992	164548	35863.851	35789.192	74.659	0.045	0.208	2502.33	545.392	544.257	1.135
1993	164362	35459.800	35290.736	169.064	0.103	0.477	2455.45	529.744	527.218	2.526
1994	159866	34293.631	34065.180	228.452	0.143	0.666	2344.16	502.857	499.508	3.350
1995	158083	33531.695	33220.727	310.968	0.197	0.927	2273.86	482.318	477.846	4.473
1996	154875	32438.163	32051.607	386.556	0.250	1.192	2193.60	459.443	453.968	5.475
1997	149970	31179.663	30734.216	445.447	0.297	1.429	2090.14	434.552	428.344	6.208
1998	145407	29860.736	29368.131	492.605	0.339	1.650	1993.81	409.447	402.693	6.755
1999	165952	34413.904	33718.328	695.577	0.419	2.021	2240.15	464.545	455.156	9.389
2000	160260	33265.290	32566.475	698.815	0.436	2.101	2131.87	442.513	433.217	9.296
2001	154444	32074.102	31344.033	730.069	0.473	2.276	2027.95	421.154	411.568	9.586
2002	151887	31817.956	31042.745	775.211	0.510	2.436	1971.76	413.052	402.989	10.064
2003	146733	31025.931	30134.186	891.745	0.608	2.874	1884.46	398.460	387.007	11.453
2004	138381	29503.602	28614.658	888.944	0.642	3.013	1757.38	374.682	363.393	11.289
2005	135881	29077.894	28150.906	926.988	0.682	3.188	1704.85	364.830	353.199	11.631
2006	131922	28385.448	27427.046	958.401	0.726	3.376	1639.21	352.707	340.798	11.909
2007	126502	27327.625	26284.552	1043.073	0.825	3.817	1554.75	335.866	323.046	12.820
2008	125859	27025.472	25869.771	1155.701	0.918	4.276	1528.44	328.199	314.164	14.035
2009	122428	26361.626	25106.508	1255.118	1.025	4.761	1468.33	316.165	301.112	15.053

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	626211.759	12144.91	0.405	1.903	2024.64	431.261	423.056	8.205

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Main Results for E-Component Summarized over Simulations for Run: 25

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 25 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	4486.163	1.819	0.006	0.041	504.630	69.431	69.403	0.028
1992	32100	4371.196	4359.461	11.735	0.037	0.268	488.154	66.474	66.296	0.178
1993	32896	4414.136	4385.208	28.928	0.088	0.655	491.442	65.944	65.512	0.432
1994	33323	4474.895	4432.269	42.626	0.128	0.953	488.625	65.617	64.992	0.625
1995	33569	4476.290	4415.366	60.925	0.181	1.361	482.855	64.387	63.510	0.876
1996	33870	4489.078	4409.170	79.908	0.236	1.780	479.723	63.582	62.450	1.132
1997	33516	4444.866	4343.393	101.474	0.303	2.283	467.113	61.948	60.534	1.414
1998	32795	4313.427	4214.999	98.428	0.300	2.282	449.682	59.145	57.796	1.350
1999	33375	4232.739	4112.404	120.335	0.361	2.843	450.521	57.137	55.512	1.624
2000	33459	4307.577	4191.692	115.885	0.346	2.690	445.090	57.302	55.760	1.542
2001	32275	4136.308	4024.612	111.697	0.346	2.700	423.792	54.312	52.846	1.467
2002	31586	4079.175	3970.035	109.140	0.346	2.676	410.041	52.955	51.538	1.417
2003	30985	4096.221	3957.726	138.495	0.447	3.381	397.934	52.607	50.828	1.779
2004	29884	4034.217	3901.492	132.725	0.444	3.290	379.513	51.233	49.547	1.686
2005	28708	3944.303	3809.641	134.661	0.469	3.414	360.189	49.488	47.798	1.690
2006	28188	3970.169	3825.433	144.737	0.513	3.646	350.253	49.332	47.533	1.798
2007	28026	3957.558	3789.543	168.015	0.599	4.245	344.449	48.640	46.575	2.065
2008	27128	3812.302	3645.442	166.859	0.615	4.377	329.444	46.297	44.271	2.026
2009	27068	3827.467	3632.890	194.577	0.719	5.084	324.637	45.904	43.571	2.334

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	82494.534	1962.969	0.312	2.324	424.421	57.058	55.732	1.326

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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	19503.683	4.747	0.014	0.024	527.418	301.804	301.731	0.073
1992	33942	19373.324	19358.802	14.522	0.043	0.075	516.166	294.616	294.395	0.221
1993	35913	20512.169	20485.158	27.011	0.075	0.132	536.514	306.437	306.033	0.404
1994	35074	19906.392	19866.590	39.803	0.113	0.200	514.300	291.893	291.310	0.584
1995	34669	19512.784	19452.391	60.393	0.174	0.310	498.677	280.671	279.802	0.869
1996	34582	19294.631	19213.974	80.656	0.233	0.418	489.808	273.283	272.140	1.142
1997	35267	19490.717	19413.179	77.537	0.220	0.398	491.517	271.643	270.562	1.081
1998	35675	19571.902	19432.328	139.574	0.391	0.713	489.172	268.368	266.454	1.914
1999	38516	21022.469	20807.477	214.992	0.558	1.023	519.919	283.777	280.875	2.902
2000	36283	19687.992	19433.121	254.870	0.702	1.295	482.656	261.900	258.510	3.390
2001	36281	19625.032	19341.920	283.112	0.780	1.443	476.394	257.690	253.972	3.717
2002	35983	19408.801	19088.093	320.708	0.891	1.652	467.122	251.960	247.796	4.163
2003	36205	19481.360	19171.489	309.871	0.856	1.591	464.974	250.195	246.216	3.980
2004	34611	18541.224	18242.898	298.327	0.862	1.609	439.544	235.465	231.676	3.789
2005	36826	19692.114	19380.315	311.799	0.847	1.583	462.043	247.070	243.158	3.912
2006	34350	18220.663	17952.654	268.009	0.780	1.471	426.820	226.403	223.073	3.330
2007	35326	18620.282	18355.513	264.768	0.750	1.422	434.168	228.849	225.595	3.254
2008	38248	20183.701	19815.550	368.151	0.963	1.824	464.487	245.112	240.642	4.471
2009	36902	19371.930	18997.186	374.744	1.016	1.934	442.580	232.335	227.841	4.494

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	386727.380	3713.594	0.521	0.951	481.512	263.774	261.265	2.509

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN13
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 26, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 26, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN13

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	1-3	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	1-3	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	1-3	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	1-3	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	1-3	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	1-3	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000
10-14	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
15-19	4+	0.000200	0.000400	0.003000	0.000200	0.000200	0.003000
20-24	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
25-29	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
30-34	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
35-39	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
40-44	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
45-49	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
50-54	4+	0.000200	0.000400	0.004000	0.000200	0.000200	0.004000
55-59	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
60-64	4+	0.000200	0.000400	0.005000	0.000200	0.000200	0.005000
65-69	4+	0.000200	0.000400	0.006000	0.000200	0.000200	0.006000
70-74	4+	0.000200	0.000400	0.007000	0.000200	0.000200	0.007000
75-79	4+	0.000200	0.000400	0.008000	0.000200	0.000200	0.008000

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	105.00	4.77			
5	All Ages	Current MRTP	105.00	1.16					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1998.00	22.00			14.75	123.00	6.16

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	3.00	1.01			1.33	2.00	66.67

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	8.00	3.39			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	13.00	1.56					
5	25-29	Former	138.00	16.61			5.35	15.00	10.87
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.35			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	184.00	18.42			7.69	14.00	7.61
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	9.00	2.73			
5	35-39	Current MRTP	20.00	1.78					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	242.00	21.57			8.40	16.00	6.61
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	252.00	25.98			11.56	15.00	5.95
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	8.00	4.32			
5	45-49	Current MRTP	4.00	0.49					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.20	16.00	7.84
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	7.00	5.47			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	155.00	28.97			15.06	7.00	4.52
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	11.00	13.10			
5	70-74	Current MRTP	4.00	0.74					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	175.00	32.47			24.85	4.00	2.29

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	11.00	18.97			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	161.00	33.13			27.84	3.00	1.86

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	173.00	7.83			
10	All Ages	Current MRTP	185.00	2.03					
10	All Ages	Current Dual	130.00	1.43					
10	All Ages	Former	2031.00	22.30			16.13	126.00	6.20

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	14.00	1.72					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	12.00	1.48			3.67	3.00	25.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.89			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	26.00	3.08					
10	25-29	Former	52.00	6.16			4.29	18.00	34.62

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	186.00	22.38	13.00	5.60			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	24.00	2.89					
10	30-34	Former	176.00	21.18			8.14	21.00	11.93

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	257.00	25.73	24.00	7.97			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	205.00	20.52			10.80	10.00	4.88

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	265.00	23.62	20.00	6.47			
10	40-44	Current MRTP	29.00	2.58					
10	40-44	Current Dual	15.00	1.34					
10	40-44	Former	273.00	24.33			11.49	17.00	6.23

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	189.00	19.48	20.00	9.39			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	268.00	27.63			15.10	12.00	4.48

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	158.00	19.48	17.00	9.88			
10	50-54	Current MRTP	11.00	1.36					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	217.00	26.76			14.47	13.00	5.99
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	16.00	11.19			
10	55-59	Current MRTP	10.00	1.61					
10	55-59	Current Dual	4.00	0.64					
10	55-59	Former	177.00	28.50			18.31	7.00	3.95
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	9.00	7.44			
10	60-64	Current MRTP	5.00	0.93					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	162.00	30.28			18.71	3.00	1.85
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	92.00	18.85	10.00	10.10			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	139.00	28.48			23.81	2.00	1.44
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	13.00	13.00			
10	70-74	Current MRTP	10.00	1.87					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	176.00	32.84			23.67	11.00	6.25
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	26.00	30.59			
10	75-79	Current MRTP	12.00	2.23					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	174.00	32.28			27.46	9.00	5.17
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1635.00	19.08	204.00	10.18			
15	All Ages	Current MRTP	214.00	2.50					
15	All Ages	Current Dual	154.00	1.80					
15	All Ages	Former	2104.00	24.55			17.04	143.00	6.80
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	150.00	18.45	2.00	0.95			
15	25-29	Current MRTP	35.00	4.31					
15	25-29	Current Dual	25.00	3.08					
15	25-29	Former	34.00	4.18			3.94	12.00	35.29
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	195.00	23.10	8.00	2.91			
15	30-34	Current MRTP	44.00	5.21					
15	30-34	Current Dual	36.00	4.27					
15	30-34	Former	87.00	10.31			5.90	18.00	20.69
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	163.00	19.61	22.00	10.23			
15	35-39	Current MRTP	27.00	3.25					
15	35-39	Current Dual	25.00	3.01					
15	35-39	Former	207.00	24.91			11.02	13.00	6.28
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	226.00	22.62	29.00	10.58			
15	40-44	Current MRTP	22.00	2.20					
15	40-44	Current Dual	26.00	2.60					
15	40-44	Former	236.00	23.62			13.39	14.00	5.93
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	231.00	20.59	25.00	9.06			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	306.00	27.27			14.41	13.00	4.25
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	165.00	17.01	28.00	14.51			
15	50-54	Current MRTP	15.00	1.55					
15	50-54	Current Dual	13.00	1.34					
15	50-54	Former	288.00	29.69			17.92	15.00	5.21
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	142.00	17.51	18.00	11.76			
15	55-59	Current MRTP	8.00	0.99					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	236.00	29.10			17.19	16.00	6.78
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	18.00	14.75			
15	60-64	Current MRTP	9.00	1.45					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.16	12.00	6.06
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	21.00	18.75			
15	65-69	Current MRTP	7.00	1.31					
15	65-69	Current Dual	2.00	0.37					
15	65-69	Former	171.00	31.96			21.43	7.00	4.09
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	77.00	15.78	11.00	13.10			
15	70-74	Current MRTP	6.00	1.23					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	154.00	31.56			24.49	10.00	6.49
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	74.00	13.81	22.00	24.72			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	187.00	34.89			25.13	13.00	6.95
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1395.00	17.36	220.00	12.51			

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	219.00	2.73					
20	All Ages	Current Dual	145.00	1.80					
20	All Ages	Former	2131.00	26.52			18.39	125.00	5.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.43			
20	30-34	Current MRTP	39.00	4.80					
20	30-34	Current Dual	26.00	3.20					
20	30-34	Former	67.00	8.24			5.45	14.00	20.90
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	169.00	20.02	11.00	4.45			
20	35-39	Current MRTP	47.00	5.57					
20	35-39	Current Dual	31.00	3.67					
20	35-39	Former	131.00	15.52			7.34	27.00	20.61
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	143.00	17.21	27.00	13.57			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	27.00	3.25					
20	40-44	Former	233.00	28.04			14.03	9.00	3.86
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	208.00	20.82	31.00	12.30			
20	45-49	Current MRTP	22.00	2.20					
20	45-49	Current Dual	22.00	2.20					
20	45-49	Former	258.00	25.83			16.24	11.00	4.26
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	204.00	18.18	29.00	11.84			
20	50-54	Current MRTP	28.00	2.50					
20	50-54	Current Dual	13.00	1.16					
20	50-54	Former	337.00	30.04			16.98	18.00	5.34
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	149.00	15.36	30.00	17.14			
20	55-59	Current MRTP	13.00	1.34					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	306.00	31.55			20.69	9.00	2.94
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	25.00	17.73			
20	60-64	Current MRTP	17.00	2.10					

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	2.00	0.25					
20	60-64	Former	248.00	30.58			20.18	13.00	5.24

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	23.00	20.18			
20	65-69	Current MRTP	11.00	1.77					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	206.00	33.17			23.22	4.00	1.94

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	22.00	22.00			
20	70-74	Current MRTP	8.00	1.50					
20	70-74	Current Dual	3.00	0.56					
20	70-74	Former	183.00	34.21			24.08	10.00	5.46

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	67.00	13.73	19.00	25.00			
20	75-79	Current MRTP	5.00	1.02					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	162.00	33.20			25.61	10.00	6.17

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.489	8.372	0.004	0.014	2826.86	839.248	839.129	0.119
1992	198532	60226.142	60221.816	4.326	0.002	0.007	2778.64	842.922	842.862	0.061
1993	202512	62332.320	62318.992	13.328	0.007	0.021	2793.47	859.818	859.634	0.184
1994	200658	62691.239	62680.697	10.542	0.005	0.017	2725.82	851.622	851.479	0.143
1995	201023	63132.954	63107.378	25.576	0.013	0.041	2687.54	844.043	843.701	0.342
1996	201180	64309.880	64380.390	-70.509	-0.035	-0.110	2653.67	848.280	849.210	-0.930
1997	198639	64547.894	64615.333	-67.439	-0.034	-0.104	2583.39	839.475	840.352	-0.877
1998	197573	65384.866	65410.239	-25.373	-0.013	-0.039	2533.29	838.367	838.692	-0.325
1999	211329	67554.762	67503.479	51.283	0.024	0.076	2673.14	854.513	853.865	0.649
2000	208496	68184.366	68095.710	88.656	0.043	0.130	2604.20	851.652	850.544	1.107
2001	203606	68286.060	68065.357	220.703	0.108	0.323	2514.65	843.372	840.646	2.726
2002	200828	68983.996	68782.427	201.569	0.100	0.292	2455.47	843.450	840.986	2.465
2003	196352	68717.830	68339.364	378.467	0.193	0.551	2377.49	832.057	827.475	4.583
2004	188160	67344.952	66721.965	622.987	0.331	0.925	2254.66	806.974	799.508	7.465
2005	186416	67846.650	67068.318	778.332	0.418	1.147	2208.07	803.634	794.414	9.219
2006	180088	66622.465	65443.836	1178.629	0.654	1.769	2113.55	781.893	768.061	13.833
2007	175644	65977.201	64568.948	1408.253	0.802	2.134	2039.92	766.256	749.901	16.355
2008	177570	67121.344	65587.526	1533.818	0.864	2.285	2039.03	770.751	753.138	17.613
2009	172806	66622.993	64808.851	1814.141	1.050	2.723	1961.22	756.123	735.534	20.589

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	1294140.706	8175.659	0.210	0.628	2465.77	823.300	818.131	5.168

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	31526.241	3.778	0.009	0.012	620.154	447.530	447.476	0.054
1992	45423	32811.446	32810.411	1.036	0.002	0.003	635.738	459.227	459.213	0.014
1993	46291	33467.735	33465.328	2.407	0.005	0.007	638.542	461.657	461.624	0.033
1994	47017	33989.389	33991.265	-1.876	-0.004	-0.006	638.697	461.725	461.751	-0.025
1995	47840	34566.580	34566.022	0.558	0.001	0.002	639.587	462.131	462.123	0.007
1996	48244	34997.958	35032.677	-34.719	-0.072	-0.099	636.363	461.641	462.099	-0.458
1997	49035	35549.658	35582.281	-32.623	-0.067	-0.092	637.723	462.340	462.764	-0.424
1998	49686	36138.033	36168.020	-29.986	-0.060	-0.083	637.076	463.363	463.748	-0.384
1999	48883	35506.142	35523.840	-17.698	-0.036	-0.050	618.331	449.124	449.348	-0.224
2000	50331	36573.306	36578.094	-4.787	-0.010	-0.013	628.656	456.816	456.876	-0.060
2001	50389	36733.445	36706.547	26.898	0.053	0.073	622.333	453.679	453.347	0.332
2002	51445	37627.700	37599.696	28.004	0.054	0.074	629.005	460.065	459.722	0.342
2003	51408	37552.784	37463.583	89.201	0.174	0.238	622.464	454.701	453.621	1.080
2004	51399	37527.823	37366.378	161.445	0.314	0.430	615.898	449.684	447.750	1.935
2005	51421	37486.186	37287.199	198.987	0.387	0.531	609.074	444.018	441.661	2.357
2006	51355	37409.496	37064.848	344.648	0.671	0.921	602.712	439.045	435.000	4.045
2007	51839	37602.867	37182.462	420.406	0.811	1.118	602.056	436.718	431.835	4.883
2008	50976	36986.957	36550.410	436.547	0.856	1.180	585.355	424.719	419.706	5.013
2009	51193	37201.944	36655.040	546.905	1.068	1.470	581.003	422.215	416.008	6.207

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	709765.710	2139.129	0.218	0.300	619.890	450.053	448.701	1.352

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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	12663.061	-0.081	-0.000	-0.001	1368.32	179.735	179.737	-0.001
1992	93721	12337.995	12336.212	1.783	0.002	0.014	1311.71	172.682	172.657	0.025
1993	93679	12401.934	12393.561	8.373	0.009	0.068	1292.22	171.073	170.958	0.116
1994	90832	12128.576	12114.186	14.390	0.016	0.119	1233.90	164.759	164.564	0.195
1995	89698	11958.696	11936.982	21.714	0.024	0.182	1199.20	159.879	159.589	0.290
1996	88286	12020.749	12016.807	3.943	0.004	0.033	1164.54	158.560	158.508	0.052
1997	84777	11593.724	11582.992	10.732	0.013	0.093	1102.56	150.782	150.642	0.140
1998	82517	11337.035	11295.584	41.451	0.050	0.366	1058.04	145.364	144.832	0.531
1999	93939	13027.458	12932.100	95.358	0.102	0.732	1188.25	164.787	163.581	1.206
2000	90039	12607.547	12511.651	95.897	0.107	0.761	1124.63	157.474	156.276	1.198
2001	86119	12350.451	12187.894	162.557	0.189	1.316	1063.62	152.535	150.528	2.008
2002	83014	12112.097	11947.246	164.850	0.199	1.361	1014.99	148.092	146.076	2.016
2003	79302	11683.252	11473.622	209.630	0.264	1.794	960.214	141.465	138.926	2.538
2004	73861	11139.095	10836.546	302.549	0.410	2.716	885.053	133.476	129.851	3.625
2005	71649	10884.683	10529.632	355.051	0.496	3.262	848.672	128.927	124.722	4.206
2006	67551	10397.565	9937.237	460.328	0.681	4.427	792.791	122.028	116.625	5.402
2007	63503	9785.831	9240.257	545.575	0.859	5.575	737.521	113.652	107.316	6.336
2008	63171	9922.524	9323.347	599.178	0.949	6.039	725.389	113.940	107.060	6.880
2009	59747	9483.598	8821.666	661.931	1.108	6.980	678.085	107.632	100.120	7.512

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	228727.341	3755.208	0.227	1.615	1043.56	146.971	144.597	2.374

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 26 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	3115.113	0.902	0.003	0.029	461.369	44.228	44.215	0.013
1992	32560	3095.448	3094.860	0.588	0.002	0.019	455.708	43.324	43.316	0.008
1993	32768	3114.516	3113.500	1.016	0.003	0.033	452.005	42.962	42.948	0.014
1994	33005	3168.398	3165.808	2.591	0.008	0.082	448.353	43.041	43.006	0.035
1995	33730	3200.274	3195.162	5.112	0.015	0.160	450.946	42.785	42.717	0.068
1996	33750	3234.738	3232.204	2.534	0.008	0.078	445.180	42.668	42.634	0.033
1997	33699	3240.665	3245.398	-4.734	-0.014	-0.146	438.271	42.146	42.208	-0.062
1998	33274	3171.578	3163.677	7.901	0.024	0.249	426.640	40.666	40.565	0.101
1999	33891	3153.786	3131.200	22.587	0.067	0.716	428.694	39.893	39.607	0.286
2000	33827	3237.043	3204.704	32.339	0.096	0.999	422.514	40.432	40.028	0.404
2001	32506	3110.972	3056.245	54.727	0.168	1.759	401.468	38.422	37.746	0.676
2002	32078	3123.298	3065.652	57.646	0.180	1.846	392.210	38.188	37.483	0.705
2003	30568	3025.984	2958.722	67.262	0.220	2.223	370.127	36.640	35.825	0.814
2004	29388	2983.453	2883.168	100.285	0.341	3.361	352.147	35.750	34.548	1.202
2005	27954	2926.679	2804.736	121.943	0.436	4.167	331.111	34.666	33.222	1.444
2006	27201	2889.308	2733.169	156.139	0.574	5.404	319.236	33.909	32.077	1.832
2007	26302	2810.025	2624.562	185.463	0.705	6.600	305.470	32.636	30.482	2.154
2008	25998	2773.025	2575.561	197.464	0.760	7.121	298.534	31.843	29.575	2.267
2009	25040	2723.293	2500.046	223.247	0.892	8.198	284.186	30.907	28.374	2.534

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	60056.732	1235.011	0.198	2.015	394.195	38.747	37.967	0.781

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Main Results for E-Component Summarized over Simulations for Run: 26

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11815.074	3.773	0.014	0.032	377.015	167.754	167.701	0.054
1992	26828	11981.252	11980.333	0.919	0.003	0.008	375.483	167.689	167.676	0.013
1993	29774	13348.134	13346.602	1.532	0.005	0.011	410.705	184.125	184.104	0.021
1994	29804	13404.876	13409.439	-4.563	-0.015	-0.034	404.869	182.097	182.159	-0.062
1995	29755	13407.404	13409.212	-1.808	-0.006	-0.013	397.803	179.248	179.272	-0.024
1996	30900	14056.435	14098.702	-42.267	-0.137	-0.301	407.587	185.412	185.969	-0.558
1997	31128	14163.848	14204.662	-40.814	-0.131	-0.288	404.834	184.207	184.738	-0.531
1998	32096	14738.220	14782.958	-44.738	-0.139	-0.304	411.536	188.974	189.548	-0.574
1999	34616	15867.376	15916.339	-48.963	-0.141	-0.309	437.865	200.710	201.329	-0.619
2000	34299	15766.470	15801.262	-34.793	-0.101	-0.221	428.409	196.930	197.364	-0.435
2001	34592	16091.193	16114.672	-23.479	-0.068	-0.146	427.231	198.736	199.026	-0.290
2002	34291	16120.902	16169.832	-48.931	-0.143	-0.304	419.268	197.106	197.705	-0.598
2003	35074	16455.810	16443.437	12.373	0.035	0.075	424.687	199.252	199.102	0.150
2004	33512	15694.580	15635.873	58.707	0.175	0.374	401.564	188.063	187.360	0.703
2005	35392	16549.102	16446.751	102.351	0.289	0.618	419.213	196.022	194.809	1.212
2006	33981	15926.096	15708.582	217.514	0.640	1.366	398.807	186.912	184.359	2.553
2007	34000	15778.477	15521.668	256.809	0.755	1.628	394.875	183.251	180.268	2.983
2008	37425	17438.838	17138.208	300.629	0.803	1.724	429.749	200.249	196.797	3.452
2009	36826	17214.158	16832.099	382.058	1.037	2.219	417.948	195.368	191.032	4.336

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	295590.922	1046.311	0.162	0.353	408.132	187.528	186.867	0.661

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN14
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 27, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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: 27, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN14

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2489.00	27.12	137.00	5.08			
5	All Ages	Current MRTP	109.00	1.19					
5	All Ages	Current Dual	98.00	1.07					
5	All Ages	Former	2581.00	28.12			15.70	133.00	5.15

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	3.00	0.93			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	18.00	1.88					
5	25-29	Former	110.00	11.48			5.15	16.00	14.55
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	356.00	33.15	9.00	2.36			
5	30-34	Current MRTP	12.00	1.12					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	206.00	19.18			6.32	25.00	12.14
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	15.00	4.20			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	252.00	23.27			7.82	17.00	6.75
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	236.00	27.47	12.00	4.72			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	297.00	34.58			13.86	10.00	3.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	10.00	6.85			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	2.00	0.38					
5	55-59	Former	223.00	42.56			16.87	14.00	6.28
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	15.00	11.81			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	247.00	47.96			18.90	5.00	2.02
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	19.00	21.11			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	252.00	56.25			23.19	7.00	2.78

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	73.00	20.33	14.00	17.07			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	4.00	1.11					
5	75-79	Former	209.00	58.22			24.62	5.00	2.39

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2334.00	24.90	244.00	8.89			
10	All Ages	Current MRTP	239.00	2.55					
10	All Ages	Current Dual	172.00	1.83					
10	All Ages	Former	2547.00	27.17			17.66	140.00	5.50

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	10.00	1.12			2.90	4.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	244.00	26.67	5.00	1.57			
10	25-29	Current MRTP	35.00	3.83					
10	25-29	Current Dual	39.00	4.26					
10	25-29	Former	44.00	4.81			4.84	13.00	29.55

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	252.00	26.30	8.00	2.44			
10	30-34	Current MRTP	45.00	4.70					
10	30-34	Current Dual	31.00	3.24					
10	30-34	Former	147.00	15.34			7.75	18.00	12.24

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	325.00	30.26	22.00	5.96			
10	35-39	Current MRTP	26.00	2.42					
10	35-39	Current Dual	18.00	1.68					
10	35-39	Former	231.00	21.51			9.85	18.00	7.79

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	470.00	43.40					
10	40-44	Current CC	291.00	26.87	29.00	8.84			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	13.00	1.20					
10	40-44	Former	285.00	26.32			11.01	20.00	7.02

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	25.00	8.68			
10	45-49	Current MRTP	15.00	1.54					
10	45-49	Current Dual	9.00	0.92					
10	45-49	Former	283.00	29.09			15.93	12.00	4.24

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	214.00	24.91	30.00	12.15			
10	50-54	Current MRTP	17.00	1.98					
10	50-54	Current Dual	16.00	1.86					
10	50-54	Former	304.00	35.39			17.44	6.00	1.97
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	27.00	14.14			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	247.00	39.21			20.52	7.00	2.83
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	14.00	10.29			
10	60-64	Current MRTP	4.00	0.76					
10	60-64	Current Dual	4.00	0.76					
10	60-64	Former	233.00	44.47			20.07	9.00	3.86
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	25.00	19.84			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	8.00	1.55					
10	65-69	Former	248.00	48.16			22.26	9.00	3.63
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	32.00	25.60			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	7.00	1.40					
10	70-74	Former	255.00	51.00			24.96	12.00	4.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	27.00	32.93			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	8.00	1.79					
10	75-79	Former	260.00	58.04			25.97	12.00	4.62
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2070.00	23.19	313.00	11.97			
15	All Ages	Current MRTP	334.00	3.74					
15	All Ages	Current Dual	210.00	2.35					
15	All Ages	Former	2457.00	27.52			19.20	132.00	5.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	185.00	20.65	0.00	0.00			
15	25-29	Current MRTP	45.00	5.02					
15	25-29	Current Dual	26.00	2.90					
15	25-29	Former	32.00	3.57			3.66	10.00	31.25
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	224.00	24.48	11.00	3.40			
15	30-34	Current MRTP	56.00	6.12					
15	30-34	Current Dual	44.00	4.81					
15	30-34	Former	71.00	7.76			6.32	14.00	19.72
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	230.00	24.01	18.00	5.64			
15	35-39	Current MRTP	53.00	5.53					
15	35-39	Current Dual	36.00	3.76					
15	35-39	Former	171.00	17.85			10.60	18.00	10.53
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	287.00	26.72	29.00	8.53			
15	40-44	Current MRTP	33.00	3.07					
15	40-44	Current Dual	20.00	1.86					
15	40-44	Former	262.00	24.39			12.69	16.00	6.11
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	470.00	43.40					
15	45-49	Current CC	263.00	24.28	42.00	13.50			
15	45-49	Current MRTP	30.00	2.77					
15	45-49	Current Dual	18.00	1.66					
15	45-49	Former	302.00	27.89			14.69	12.00	3.97
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	224.00	23.02	28.00	11.16			
15	50-54	Current MRTP	19.00	1.95					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	320.00	32.89			18.13	16.00	5.00
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	191.00	22.24	41.00	17.45			
15	55-59	Current MRTP	25.00	2.91					
15	55-59	Current Dual	19.00	2.21					
15	55-59	Former	316.00	36.79			20.81	16.00	5.06
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	33.00	18.03			
15	60-64	Current MRTP	22.00	3.49					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	255.00	40.48			23.36	11.00	4.31
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	121.00	23.09	29.00	21.01			
15	65-69	Current MRTP	7.00	1.34					
15	65-69	Current Dual	10.00	1.91					
15	65-69	Former	231.00	44.08			23.43	4.00	1.73
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	91.00	17.67	35.00	27.56			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	13.00	2.52					
15	70-74	Former	247.00	47.96			25.74	8.00	3.24
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	47.00	36.15			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	11.00	2.20					
15	75-79	Former	250.00	50.00			27.72	7.00	2.80
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1741.00	20.66	364.00	15.25			

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	395.00	4.69					
20	All Ages	Current Dual	251.00	2.98					
20	All Ages	Former	2364.00	28.05			20.44	122.00	5.16
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	174.00	19.42	2.00	0.75			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	40.00	4.46					
20	30-34	Former	54.00	6.03			5.85	12.00	22.22
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	196.00	21.42	13.00	4.17			
20	35-39	Current MRTP	65.00	7.10					
20	35-39	Current Dual	51.00	5.57					
20	35-39	Former	101.00	11.04			8.00	16.00	15.84
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	209.00	21.82	27.00	8.63			
20	40-44	Current MRTP	61.00	6.37					
20	40-44	Current Dual	43.00	4.49					
20	40-44	Former	186.00	19.42			13.76	8.00	4.30
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	262.00	24.39	38.00	11.88			
20	45-49	Current MRTP	40.00	3.72					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	282.00	26.26			15.75	17.00	6.03
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	227.00	20.96	54.00	18.82			
20	50-54	Current MRTP	41.00	3.79					
20	50-54	Current Dual	19.00	1.75					
20	50-54	Former	326.00	30.10			17.49	13.00	3.99
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	200.00	20.55	40.00	16.88			
20	55-59	Current MRTP	26.00	2.67					
20	55-59	Current Dual	11.00	1.13					
20	55-59	Former	334.00	34.33			21.28	9.00	2.69
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	169.00	19.67	54.00	23.68			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	24.00	2.79					
20	60-64	Former	323.00	37.60			23.61	13.00	4.02

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	128.00	20.32	43.00	25.00			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	266.00	42.22			25.17	12.00	4.51

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	104.00	19.85	42.00	31.82			
20	70-74	Current MRTP	15.00	2.86					
20	70-74	Current Dual	13.00	2.48					
20	70-74	Former	237.00	45.23			26.06	11.00	4.64

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	72.00	13.98	51.00	42.86			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	21.00	4.08					
20	75-79	Former	255.00	49.51			27.04	11.00	4.31

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.847	33.736	0.011	0.027	4845.61	1920.39	1919.86	0.522
1992	308577	122143.718	122019.184	124.535	0.040	0.102	4692.62	1857.47	1855.58	1.894
1993	311713	123269.216	122998.263	270.954	0.087	0.220	4656.77	1841.55	1837.50	4.048
1994	305700	120480.723	120106.711	374.012	0.122	0.310	4482.57	1766.64	1761.16	5.484
1995	303225	118666.569	118148.316	518.252	0.171	0.437	4361.58	1706.89	1699.44	7.455
1996	299559	116607.195	115953.807	653.388	0.218	0.560	4242.85	1651.58	1642.33	9.254
1997	294226	114665.051	113948.455	716.596	0.244	0.625	4100.64	1598.09	1588.10	9.987
1998	289258	113038.380	112182.259	856.121	0.296	0.757	3966.28	1549.97	1538.23	11.739
1999	311002	117067.463	115903.371	1164.092	0.374	0.994	4198.14	1580.27	1564.55	15.714
2000	303786	114977.407	113764.205	1213.203	0.399	1.055	4041.13	1529.49	1513.35	16.139
2001	296294	113047.319	111816.231	1231.088	0.415	1.089	3890.54	1484.39	1468.22	16.165
2002	291898	111744.742	110456.187	1288.555	0.441	1.153	3789.34	1450.64	1433.91	16.728
2003	285865	110551.854	109184.545	1367.309	0.478	1.237	3671.31	1419.80	1402.24	17.560
2004	274177	107418.262	106102.298	1315.964	0.480	1.225	3481.92	1364.16	1347.45	16.712
2005	272379	107678.770	106362.044	1316.726	0.483	1.223	3417.44	1351.01	1334.49	16.520
2006	264118	104357.806	103111.574	1246.233	0.472	1.194	3281.83	1296.71	1281.22	15.485
2007	258419	102690.449	101412.091	1278.358	0.495	1.245	3176.05	1262.10	1246.39	15.711
2008	259461	103492.166	101972.548	1519.619	0.586	1.468	3150.91	1256.82	1238.36	18.454
2009	253907	101384.044	99752.521	1631.522	0.643	1.609	3045.20	1215.94	1196.37	19.567

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	2255123.418	18120.26	0.312	0.797	3927.78	1535.76	1523.52	12.242

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	63059.137	9.649	0.012	0.015	1213.84	975.702	975.553	0.149
1992	77987	62535.347	62507.121	28.227	0.036	0.045	1185.97	950.993	950.564	0.429
1993	78542	62883.111	62828.090	55.021	0.070	0.087	1173.36	939.428	938.606	0.822
1994	77437	61805.804	61726.889	78.915	0.102	0.128	1135.48	906.276	905.119	1.157
1995	76904	61145.799	61035.442	110.357	0.143	0.180	1106.18	879.519	877.931	1.587
1996	76232	60385.323	60246.533	138.790	0.182	0.230	1079.72	855.277	853.311	1.966
1997	75473	59549.806	59411.400	138.405	0.183	0.232	1051.87	829.947	828.018	1.929
1998	75381	59292.315	59093.849	198.465	0.263	0.335	1033.62	813.010	810.289	2.721
1999	73159	57398.351	57146.777	251.575	0.344	0.438	987.557	774.807	771.411	3.396
2000	73784	57716.549	57422.205	294.343	0.399	0.510	981.515	767.777	763.861	3.916
2001	73294	57211.877	56903.941	307.937	0.420	0.538	962.399	751.230	747.187	4.043
2002	72442	56438.810	56109.517	329.293	0.455	0.583	940.422	732.673	728.399	4.275
2003	71942	55948.341	55625.471	322.871	0.449	0.577	923.937	718.533	714.387	4.147
2004	71301	55339.218	55015.610	323.608	0.454	0.585	905.490	702.783	698.673	4.110
2005	70964	54964.459	54657.591	306.868	0.432	0.558	890.360	689.620	685.769	3.850
2006	69658	53781.526	53503.168	278.358	0.400	0.518	865.543	668.268	664.810	3.459
2007	68565	52784.985	52516.773	268.212	0.391	0.508	842.687	648.745	645.448	3.296
2008	68226	52470.692	52130.880	339.812	0.498	0.648	828.542	637.208	633.081	4.127
2009	67509	51823.021	51458.717	364.304	0.540	0.703	809.661	621.533	617.164	4.369

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	1155843.519	4145.010	0.281	0.357	997.213	783.665	780.865	2.800

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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	37049.863	17.521	0.010	0.047	2599.72	573.449	573.178	0.271
1992	164548	35863.851	35792.465	71.386	0.043	0.199	2502.33	545.392	544.306	1.086
1993	164362	35459.800	35297.108	162.692	0.099	0.459	2455.45	529.744	527.313	2.430
1994	159866	34293.631	34075.654	217.977	0.136	0.636	2344.16	502.857	499.661	3.196
1995	158083	33531.695	33236.396	295.298	0.187	0.881	2273.86	482.318	478.071	4.248
1996	154875	32438.163	32073.152	365.011	0.236	1.125	2193.60	459.443	454.273	5.170
1997	149970	31179.663	30766.835	412.828	0.275	1.324	2090.14	434.552	428.798	5.754
1998	145407	29860.736	29417.461	443.275	0.305	1.484	1993.81	409.447	403.369	6.078
1999	165952	34413.904	33801.344	612.561	0.369	1.780	2240.15	464.545	456.277	8.269
2000	160260	33265.290	32672.992	592.298	0.370	1.781	2131.87	442.513	434.634	7.879
2001	154444	32074.102	31484.473	589.629	0.382	1.838	2027.95	421.154	413.412	7.742
2002	151887	31817.956	31216.902	601.054	0.396	1.889	1971.76	413.052	405.249	7.803
2003	146733	31025.931	30340.191	685.741	0.467	2.210	1884.46	398.460	389.653	8.807
2004	138381	29503.602	28847.379	656.223	0.474	2.224	1757.38	374.682	366.349	8.334
2005	135881	29077.894	28407.700	670.194	0.493	2.305	1704.85	364.830	356.421	8.409
2006	131922	28385.448	27712.263	673.185	0.510	2.372	1639.21	352.707	344.342	8.365
2007	126502	27327.625	26608.305	719.321	0.569	2.632	1554.75	335.866	327.025	8.841
2008	125859	27025.472	26222.496	802.976	0.638	2.971	1528.44	328.199	318.448	9.751
2009	122428	26361.626	25493.636	867.990	0.709	3.293	1468.33	316.165	305.755	10.410

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	628899.515	9457.158	0.316	1.481	2024.64	431.261	424.872	6.389

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 27 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	4486.163	1.819	0.006	0.041	504.630	69.431	69.403	0.028
1992	32100	4371.196	4359.995	11.201	0.035	0.256	488.154	66.474	66.304	0.170
1993	32896	4414.136	4386.301	27.836	0.085	0.631	491.442	65.944	65.528	0.416
1994	33323	4474.895	4434.300	40.596	0.122	0.907	488.625	65.617	65.021	0.595
1995	33569	4476.290	4418.276	58.015	0.173	1.296	482.855	64.387	63.552	0.834
1996	33870	4489.078	4413.312	75.766	0.224	1.688	479.723	63.582	62.509	1.073
1997	33516	4444.866	4349.131	95.736	0.286	2.154	467.113	61.948	60.614	1.334
1998	32795	4313.427	4224.525	88.902	0.271	2.061	449.682	59.145	57.926	1.219
1999	33375	4232.739	4124.927	107.811	0.323	2.547	450.521	57.137	55.681	1.455
2000	33459	4307.577	4207.755	99.822	0.298	2.317	445.090	57.302	55.974	1.328
2001	32275	4136.308	4046.537	89.771	0.278	2.170	423.792	54.312	53.134	1.179
2002	31586	4079.175	3997.275	81.900	0.259	2.008	410.041	52.955	51.892	1.063
2003	30985	4096.221	3990.257	105.964	0.342	2.587	397.934	52.607	51.246	1.361
2004	29884	4034.217	3938.121	96.095	0.322	2.382	379.513	51.233	50.012	1.220
2005	28708	3944.303	3850.490	93.813	0.327	2.378	360.189	49.488	48.311	1.177
2006	28188	3970.169	3871.260	98.909	0.351	2.491	350.253	49.332	48.103	1.229
2007	28026	3957.558	3843.092	114.465	0.408	2.892	344.449	48.640	47.233	1.407
2008	27128	3812.302	3702.566	109.735	0.405	2.878	329.444	46.297	44.964	1.333
2009	27068	3827.467	3696.714	130.753	0.483	3.416	324.637	45.904	44.336	1.568

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	82928.593	1528.910	0.243	1.810	424.421	57.058	56.025	1.033

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Main Results for E-Component Summarized over Simulations for Run: 27

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19503.683	4.747	0.014	0.024	527.418	301.804	301.731	0.073
1992	33942	19373.324	19359.603	13.721	0.040	0.071	516.166	294.616	294.407	0.209
1993	35913	20512.169	20486.764	25.405	0.071	0.124	536.514	306.437	306.057	0.380
1994	35074	19906.392	19869.868	36.524	0.104	0.183	514.300	291.893	291.358	0.536
1995	34669	19512.784	19458.202	54.582	0.157	0.280	498.677	280.671	279.886	0.785
1996	34582	19294.631	19220.810	73.821	0.213	0.383	489.808	273.283	272.237	1.046
1997	35267	19490.717	19421.089	69.627	0.197	0.357	491.517	271.643	270.672	0.970
1998	35675	19571.902	19446.424	125.478	0.352	0.641	489.172	268.368	266.647	1.721
1999	38516	21022.469	20830.323	192.145	0.499	0.914	519.919	283.777	281.184	2.594
2000	36283	19687.992	19461.252	226.739	0.625	1.152	482.656	261.900	258.884	3.016
2001	36281	19625.032	19381.280	243.751	0.672	1.242	476.394	257.690	254.489	3.201
2002	35983	19408.801	19132.493	276.308	0.768	1.424	467.122	251.960	248.373	3.587
2003	36205	19481.360	19228.627	252.733	0.698	1.297	464.974	250.195	246.949	3.246
2004	34611	18541.224	18301.187	240.038	0.694	1.295	439.544	235.465	232.417	3.048
2005	36826	19692.114	19446.263	245.851	0.668	1.248	462.043	247.070	243.985	3.085
2006	34350	18220.663	18024.883	195.780	0.570	1.074	426.820	226.403	223.970	2.433
2007	35326	18620.282	18443.922	176.360	0.499	0.947	434.168	228.849	226.682	2.168
2008	38248	20183.701	19916.605	267.095	0.698	1.323	464.487	245.112	241.869	3.244
2009	36902	19371.930	19103.454	268.475	0.728	1.386	442.580	232.335	229.115	3.220

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	387451.791	2989.182	0.419	0.766	481.512	263.774	261.755	2.019

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
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)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN14
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
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

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 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	RUN14

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

****

		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	1-3	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	1-3	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	1-3	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	1-3	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	1-3	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	1-3	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000
10-14	4+	0.000200	0.000400	0.000250	0.000200	0.000200	0.000250
15-19	4+	0.000200	0.000400	0.000750	0.000200	0.000200	0.000750
20-24	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
25-29	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
30-34	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
35-39	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
40-44	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
45-49	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
50-54	4+	0.000200	0.000400	0.001000	0.000200	0.000200	0.001000
55-59	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
60-64	4+	0.000200	0.000400	0.001250	0.000200	0.000200	0.001250
65-69	4+	0.000200	0.000400	0.001500	0.000200	0.000200	0.001500
70-74	4+	0.000200	0.000400	0.001750	0.000200	0.000200	0.001750
75-79	4+	0.000200	0.000400	0.002000	0.000200	0.000200	0.002000

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.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_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2026.00	22.31	117.00	5.28			
5	All Ages	Current MRTP	116.00	1.28					
5	All Ages	Current Dual	76.00	0.84					
5	All Ages	Former	1980.00	21.81			14.87	111.00	5.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.00	2.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	10.00	4.18			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	135.00	16.25			5.44	13.00	9.63
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	280.00	28.03	13.00	4.33			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	10.00	1.00					
5	30-34	Former	183.00	18.32			7.72	14.00	7.65
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	11.00	3.30			
5	35-39	Current MRTP	22.00	1.96					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	239.00	21.30			8.50	14.00	5.86
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.93			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	6.00	0.62					
5	40-44	Former	252.00	25.98			11.56	15.00	5.95
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	9.00	4.81			
5	45-49	Current MRTP	6.00	0.74					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	202.00	24.91			11.30	14.00	6.93
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	7.00	5.43			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.16	6.00	3.90
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	13.00	11.40			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	162.00	30.22			21.57	7.00	4.32
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	14.00	16.09			
5	70-74	Current MRTP	7.00	1.30					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	172.00	31.91			25.27	2.00	1.16

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	12.00	20.34			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.01	2.00	1.25

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1894.00	20.79	198.00	8.70			
10	All Ages	Current MRTP	222.00	2.44					
10	All Ages	Current Dual	160.00	1.76					
10	All Ages	Former	1964.00	21.56			16.59	97.00	4.94

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	142.00	17.47	0.00	0.00			
10	20-24	Current MRTP	18.00	2.21					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	8.00	0.98			3.88	2.00	25.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.84			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	30.00	3.55					
10	25-29	Former	45.00	5.33			4.87	11.00	24.44

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	185.00	22.26	15.00	6.05			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	32.00	3.85					
10	30-34	Former	160.00	19.25			8.75	13.00	8.13

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	257.00	25.73	27.00	8.68			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	25.00	2.50					
10	35-39	Former	195.00	19.52			11.22	7.00	3.59

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	265.00	23.62	22.00	7.01			
10	40-44	Current MRTP	32.00	2.85					
10	40-44	Current Dual	17.00	1.52					
10	40-44	Former	268.00	23.89			11.64	15.00	5.60

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	189.00	19.48	21.00	9.77			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	11.00	1.13					
10	45-49	Former	266.00	27.42			15.21	11.00	4.14

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	20.00	11.24			
10	50-54	Current MRTP	14.00	1.73					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	211.00	26.02			14.79	10.00	4.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	16.00	11.03			
10	55-59	Current MRTP	11.00	1.77					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	175.00	28.18			18.49	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	11.00	8.87			
10	60-64	Current MRTP	6.00	1.12					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	159.00	29.72			18.99	3.00	1.89
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	92.00	18.85	12.00	11.88			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	137.00	28.07			24.10	2.00	1.46
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	18.00	17.14			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	7.00	1.31					
10	70-74	Former	171.00	31.90			24.25	9.00	5.26
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	31.00	34.44			
10	75-79	Current MRTP	16.00	2.97					
10	75-79	Current Dual	8.00	1.48					
10	75-79	Former	169.00	31.35			28.16	8.00	4.73
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1637.00	19.10	248.00	11.65			
15	All Ages	Current MRTP	289.00	3.37					
15	All Ages	Current Dual	203.00	2.37					
15	All Ages	Former	1978.00	23.08			17.83	115.00	5.81
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	150.00	18.45	1.00	0.45			
15	25-29	Current MRTP	42.00	5.17					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	23.00	2.83			3.74	11.00	47.83
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	196.00	23.22	8.00	2.74			
15	30-34	Current MRTP	52.00	6.16					
15	30-34	Current Dual	44.00	5.21					
15	30-34	Former	70.00	8.29			6.50	14.00	20.00
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	163.00	19.61	25.00	10.64			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	35.00	4.21					
15	35-39	Former	187.00	22.50			11.59	8.00	4.28
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	226.00	22.62	36.00	12.24			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	32.00	3.20					
15	40-44	Former	216.00	21.62			14.18	10.00	4.63
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	231.00	20.59	30.00	10.27			
15	45-49	Current MRTP	40.00	3.57					
15	45-49	Current Dual	21.00	1.87					
15	45-49	Former	290.00	25.85			14.94	12.00	4.14
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	165.00	17.01	31.00	15.66			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	283.00	29.18			18.18	14.00	4.95
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	143.00	17.63	26.00	15.85			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	225.00	27.74			17.80	12.00	5.33
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	19.00	14.96			
15	60-64	Current MRTP	13.00	2.09					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	193.00	31.08			20.61	10.00	5.18
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	24.00	20.69			
15	65-69	Current MRTP	10.00	1.87					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	167.00	31.21			21.81	7.00	4.19
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	77.00	15.78	18.00	19.78			
15	70-74	Current MRTP	10.00	2.05					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	147.00	30.12			25.52	5.00	3.40
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	74.00	13.81	30.00	30.30			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	10.00	1.87					
15	75-79	Former	177.00	33.02			26.24	12.00	6.78
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1394.00	17.35	279.00	14.37			

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	324.00	4.03					
20	All Ages	Current Dual	224.00	2.79					
20	All Ages	Former	1948.00	24.25			19.50	93.00	4.77

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	145.00	17.84	3.00	1.28			
20	30-34	Current MRTP	54.00	6.64					
20	30-34	Current Dual	36.00	4.43					
20	30-34	Former	42.00	5.17			5.64	8.00	19.05

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	169.00	20.02	12.00	4.32			
20	35-39	Current MRTP	61.00	7.23					
20	35-39	Current Dual	48.00	5.69					
20	35-39	Former	100.00	11.85			8.10	18.00	18.00

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	143.00	17.21	30.00	13.39			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	41.00	4.93					
20	40-44	Former	208.00	25.03			14.70	5.00	2.40

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	208.00	20.82	41.00	14.64			
20	45-49	Current MRTP	39.00	3.90					
20	45-49	Current Dual	33.00	3.30					
20	45-49	Former	230.00	23.02			17.32	6.00	2.61

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	203.00	18.09	39.00	14.34			
20	50-54	Current MRTP	44.00	3.92					
20	50-54	Current Dual	25.00	2.23					
20	50-54	Former	310.00	27.63			17.88	13.00	4.19

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	149.00	15.36	36.00	19.67			
20	55-59	Current MRTP	20.00	2.06					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	298.00	30.72			21.08	9.00	3.02

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	37.00	23.57			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 28 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	8.00	0.99					
20	60-64	Former	232.00	28.61			21.06	10.00	4.31

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	27.00	22.13			
20	65-69	Current MRTP	15.00	2.42					
20	65-69	Current Dual	8.00	1.29					
20	65-69	Former	198.00	31.88			23.88	5.00	2.53

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	28.00	26.17			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	176.00	32.90			24.77	8.00	4.55

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	67.00	13.73	26.00	30.95			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	154.00	31.56			26.59	11.00	7.14

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Main Results for E-Component Summarized over Simulations for Run: 28

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.489	8.372	0.004	0.014	2826.86	839.248	839.129	0.119
1992	198532	60226.142	60221.816	4.326	0.002	0.007	2778.64	842.922	842.862	0.061
1993	202512	62332.320	62322.817	9.503	0.005	0.015	2793.47	859.818	859.687	0.131
1994	200658	62691.239	62692.966	-1.727	-0.001	-0.003	2725.82	851.622	851.646	-0.023
1995	201023	63132.954	63131.912	1.043	0.001	0.002	2687.54	844.043	844.029	0.014
1996	201180	64309.880	64429.994	-120.113	-0.060	-0.187	2653.67	848.280	849.864	-1.584
1997	198639	64547.894	64689.922	-142.028	-0.072	-0.220	2583.39	839.475	841.322	-1.847
1998	197573	65384.866	65508.336	-123.470	-0.062	-0.189	2533.29	838.367	839.950	-1.583
1999	211329	67554.762	67626.304	-71.543	-0.034	-0.106	2673.14	854.513	855.418	-0.905
2000	208496	68184.366	68239.126	-54.760	-0.026	-0.080	2604.20	851.652	852.336	-0.684
2001	203606	68286.060	68225.392	60.668	0.030	0.089	2514.65	843.372	842.623	0.749
2002	200828	68983.996	68981.163	2.832	0.001	0.004	2455.47	843.450	843.416	0.035
2003	196352	68717.830	68571.982	145.849	0.074	0.212	2377.49	832.057	830.291	1.766
2004	188160	67344.952	66979.882	365.070	0.194	0.542	2254.66	806.974	802.599	4.375
2005	186416	67846.650	67360.196	486.454	0.261	0.717	2208.07	803.634	797.872	5.762
2006	180088	66622.465	65742.675	879.789	0.489	1.321	2113.55	781.893	771.568	10.325
2007	175644	65977.201	64925.965	1051.236	0.599	1.593	2039.92	766.256	754.047	12.209
2008	177570	67121.344	65991.360	1129.984	0.636	1.683	2039.03	770.751	757.775	12.976
2009	172806	66622.993	65251.415	1371.578	0.794	2.059	1961.22	756.123	740.556	15.566

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1297313.301	5003.063	0.128	0.384	2465.77	823.300	820.137	3.163

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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_18_Vary_parameter_combinations_2nd_set.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	31526.241	3.778	0.009	0.012	620.154	447.530	447.476	0.054
1992	45423	32811.446	32810.411	1.036	0.002	0.003	635.738	459.227	459.213	0.014
1993	46291	33467.735	33466.349	1.386	0.003	0.004	638.542	461.657	461.638	0.019
1994	47017	33989.389	33994.596	-5.207	-0.011	-0.015	638.697	461.725	461.796	-0.071
1995	47840	34566.580	34572.618	-6.038	-0.013	-0.017	639.587	462.131	462.212	-0.081
1996	48244	34997.958	35046.237	-48.280	-0.100	-0.138	636.363	461.641	462.278	-0.637
1997	49035	35549.658	35603.537	-53.880	-0.110	-0.152	637.723	462.340	463.040	-0.701
1998	49686	36138.033	36195.938	-57.905	-0.117	-0.160	637.076	463.363	464.106	-0.742
1999	48883	35506.142	35555.625	-49.483	-0.101	-0.139	618.331	449.124	449.750	-0.626
2000	50331	36573.306	36615.574	-42.268	-0.084	-0.116	628.656	456.816	457.344	-0.528
2001	50389	36733.445	36750.204	-16.759	-0.033	-0.046	622.333	453.679	453.886	-0.207
2002	51445	37627.700	37652.436	-24.736	-0.048	-0.066	629.005	460.065	460.367	-0.302
2003	51408	37552.784	37526.736	26.048	0.051	0.069	622.464	454.701	454.386	0.315
2004	51399	37527.823	37438.641	89.182	0.174	0.238	615.898	449.684	448.616	1.069
2005	51421	37486.186	37370.439	115.747	0.225	0.309	609.074	444.018	442.647	1.371
2006	51355	37409.496	37148.897	260.599	0.507	0.697	602.712	439.045	435.986	3.058
2007	51839	37602.867	37288.701	314.166	0.606	0.835	602.056	436.718	433.069	3.649
2008	50976	36986.957	36666.164	320.793	0.629	0.867	585.355	424.719	421.036	3.684
2009	51193	37201.944	36785.874	416.070	0.813	1.118	581.003	422.215	417.493	4.722

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	710660.590	1244.249	0.127	0.175	619.890	450.053	449.266	0.787

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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	12663.061	-0.081	-0.000	-0.001	1368.32	179.735	179.737	-0.001
1992	93721	12337.995	12336.212	1.783	0.002	0.014	1311.71	172.682	172.657	0.025
1993	93679	12401.934	12395.048	6.886	0.007	0.056	1292.22	171.073	170.978	0.095
1994	90832	12128.576	12119.125	9.450	0.010	0.078	1233.90	164.759	164.631	0.128
1995	89698	11958.696	11946.754	11.942	0.013	0.100	1199.20	159.879	159.720	0.160
1996	88286	12020.749	12034.988	-14.239	-0.016	-0.118	1164.54	158.560	158.748	-0.188
1997	84777	11593.724	11609.006	-15.283	-0.018	-0.132	1102.56	150.782	150.980	-0.199
1998	82517	11337.035	11329.694	7.341	0.009	0.065	1058.04	145.364	145.270	0.094
1999	93939	13027.458	12979.594	47.863	0.051	0.367	1188.25	164.787	164.181	0.605
2000	90039	12607.547	12567.632	39.915	0.044	0.317	1124.63	157.474	156.975	0.499
2001	86119	12350.451	12248.665	101.786	0.118	0.824	1063.62	152.535	151.278	1.257
2002	83014	12112.097	12024.138	87.958	0.106	0.726	1014.99	148.092	147.016	1.075
2003	79302	11683.252	11563.010	120.243	0.152	1.029	960.214	141.465	140.009	1.456
2004	73861	11139.095	10934.741	204.354	0.277	1.835	885.053	133.476	131.028	2.449
2005	71649	10884.683	10637.306	247.377	0.345	2.273	848.672	128.927	125.997	2.930
2006	67551	10397.565	10055.379	342.186	0.507	3.291	792.791	122.028	118.012	4.016
2007	63503	9785.831	9372.866	412.965	0.650	4.220	737.521	113.652	108.856	4.796
2008	63171	9922.524	9476.586	445.939	0.706	4.494	725.389	113.940	108.819	5.121
2009	59747	9483.598	8986.059	497.539	0.833	5.246	678.085	107.632	101.985	5.647

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	229926.625	2555.924	0.155	1.099	1043.56	146.971	145.355	1.616

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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_18_Vary_parameter_combinations_2nd_set.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	3115.113	0.902	0.003	0.029	461.369	44.228	44.215	0.013
1992	32560	3095.448	3094.860	0.588	0.002	0.019	455.708	43.324	43.316	0.008
1993	32768	3114.516	3114.069	0.447	0.001	0.014	452.005	42.962	42.956	0.006
1994	33005	3168.398	3167.451	0.948	0.003	0.030	448.353	43.041	43.028	0.013
1995	33730	3200.274	3198.654	1.620	0.005	0.051	450.946	42.785	42.764	0.022
1996	33750	3234.738	3238.651	-3.913	-0.012	-0.121	445.180	42.668	42.719	-0.052
1997	33699	3240.665	3254.924	-14.260	-0.042	-0.440	438.271	42.146	42.332	-0.185
1998	33274	3171.578	3175.666	-4.088	-0.012	-0.129	426.640	40.666	40.718	-0.052
1999	33891	3153.786	3145.995	7.791	0.023	0.247	428.694	39.893	39.794	0.099
2000	33827	3237.043	3222.841	14.202	0.042	0.439	422.514	40.432	40.255	0.177
2001	32506	3110.972	3073.299	37.672	0.116	1.211	401.468	38.422	37.957	0.465
2002	32078	3123.298	3088.645	34.653	0.108	1.109	392.210	38.188	37.764	0.424
2003	30568	3025.984	2984.407	41.577	0.136	1.374	370.127	36.640	36.136	0.503
2004	29388	2983.453	2912.407	71.047	0.242	2.381	352.147	35.750	34.898	0.851
2005	27954	2926.679	2836.626	90.053	0.322	3.077	331.111	34.666	33.599	1.067
2006	27201	2889.308	2770.556	118.752	0.437	4.110	319.236	33.909	32.516	1.394
2007	26302	2810.025	2665.793	144.233	0.548	5.133	305.470	32.636	30.960	1.675
2008	25998	2773.025	2621.747	151.278	0.582	5.455	298.534	31.843	30.105	1.737
2009	25040	2723.293	2551.274	172.020	0.687	6.317	284.186	30.907	28.955	1.952

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	60426.222	865.521	0.139	1.412	394.195	38.747	38.200	0.547

****

Main Results for E-Component Summarized over Simulations for Run: 28

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11815.074	3.773	0.014	0.032	377.015	167.754	167.701	0.054
1992	26828	11981.252	11980.333	0.919	0.003	0.008	375.483	167.689	167.676	0.013
1993	29774	13348.134	13347.351	0.783	0.003	0.006	410.705	184.125	184.115	0.011
1994	29804	13404.876	13411.794	-6.918	-0.023	-0.052	404.869	182.097	182.191	-0.094
1995	29755	13407.404	13413.885	-6.481	-0.022	-0.048	397.803	179.248	179.334	-0.087
1996	30900	14056.435	14110.117	-53.682	-0.174	-0.382	407.587	185.412	186.120	-0.708
1997	31128	14163.848	14222.454	-58.606	-0.188	-0.414	404.834	184.207	184.970	-0.762
1998	32096	14738.220	14807.038	-68.818	-0.214	-0.467	411.536	188.974	189.856	-0.882
1999	34616	15867.376	15945.090	-77.714	-0.225	-0.490	437.865	200.710	201.693	-0.983
2000	34299	15766.470	15833.078	-66.609	-0.194	-0.422	428.409	196.930	197.762	-0.832
2001	34592	16091.193	16153.224	-62.031	-0.179	-0.385	427.231	198.736	199.502	-0.766
2002	34291	16120.902	16215.944	-95.042	-0.277	-0.590	419.268	197.106	198.268	-1.162
2003	35074	16455.810	16497.829	-42.018	-0.120	-0.255	424.687	199.252	199.761	-0.509
2004	33512	15694.580	15694.094	0.486	0.001	0.003	401.564	188.063	188.057	0.006
2005	35392	16549.102	16515.824	33.278	0.094	0.201	419.213	196.022	195.628	0.394
2006	33981	15926.096	15767.844	158.253	0.466	0.994	398.807	186.912	185.054	1.857
2007	34000	15778.477	15598.605	179.872	0.529	1.140	394.875	183.251	181.162	2.089
2008	37425	17438.838	17226.863	211.975	0.566	1.216	429.749	200.249	197.815	2.434
2009	36826	17214.158	16928.208	285.950	0.776	1.661	417.948	195.368	192.123	3.245

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	296299.863	337.370	0.052	0.114	408.132	187.528	187.315	0.213

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN15
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 29, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

		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 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 29, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN15

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 29, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 29, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2492.00	27.15	125.00	4.66			
5	All Ages	Current MRTP	97.00	1.06					
5	All Ages	Current Dual	92.00	1.00					
5	All Ages	Former	2596.00	28.29			15.61	144.00	5.55

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	1.00	0.32			
5	25-29	Current MRTP	17.00	1.77					
5	25-29	Current Dual	17.00	1.77					
5	25-29	Former	116.00	12.11			4.90	22.00	18.97
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	357.00	33.24	8.00	2.11			
5	30-34	Current MRTP	11.00	1.02					
5	30-34	Current Dual	11.00	1.02					
5	30-34	Former	208.00	19.37			6.26	27.00	12.98
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	13.00	3.66			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	9.00	0.83					
5	35-39	Former	254.00	23.45			7.76	19.00	7.48
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	237.00	27.59	11.00	4.33			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	10.00	1.16					
5	45-49	Former	297.00	34.58			13.87	9.00	3.03
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	9.00	6.16			
5	55-59	Current MRTP	3.00	0.57					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	223.00	42.56			16.88	13.00	5.83
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	14.00	11.11			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	248.00	48.16			18.82	6.00	2.42
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	76.00	16.96	17.00	19.32			
5	70-74	Current MRTP	7.00	1.56					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	254.00	56.70			23.01	9.00	3.54

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	74.00	20.61	12.00	15.00			
5	75-79	Current MRTP	3.00	0.84					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	211.00	58.77			24.42	5.00	2.37

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2341.00	24.97	200.00	7.49			
10	All Ages	Current MRTP	197.00	2.10					
10	All Ages	Current Dual	134.00	1.43					
10	All Ages	Former	2620.00	27.95			17.23	172.00	6.56

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	17.00	1.90					
10	20-24	Current Dual	11.00	1.23					
10	20-24	Former	13.00	1.45			2.62	5.00	38.46

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	245.00	26.78	5.00	1.61			
10	25-29	Current MRTP	32.00	3.50					
10	25-29	Current Dual	33.00	3.61					
10	25-29	Former	52.00	5.68			4.37	18.00	34.62

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	255.00	26.62	5.00	1.57			
10	30-34	Current MRTP	35.00	3.65					
10	30-34	Current Dual	29.00	3.03					
10	30-34	Former	156.00	16.28			7.52	20.00	12.82

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	328.00	30.54	19.00	5.23			
10	35-39	Current MRTP	22.00	2.05					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	237.00	22.07			9.70	19.00	8.02

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	470.00	43.40					
10	40-44	Current CC	290.00	26.78	23.00	7.26			
10	40-44	Current MRTP	20.00	1.85					
10	40-44	Current Dual	7.00	0.65					
10	40-44	Former	296.00	27.33			10.66	26.00	8.78

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	21.00	7.39			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	287.00	29.50			15.72	15.00	5.23

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	215.00	25.03	27.00	11.11			
10	50-54	Current MRTP	15.00	1.75					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	308.00	35.86			17.24	7.00	2.27
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	23.00	12.37			
10	55-59	Current MRTP	11.00	1.75					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	252.00	40.00			20.13	12.00	4.76
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	12.00	8.89			
10	60-64	Current MRTP	2.00	0.38					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	234.00	44.66			20.00	9.00	3.85
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	18.00	15.52			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	258.00	50.10			21.48	13.00	5.04
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	29.00	23.77			
10	70-74	Current MRTP	10.00	2.00					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	258.00	51.60			24.69	14.00	5.43
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	18.00	24.66			
10	75-79	Current MRTP	10.00	2.23					
10	75-79	Current Dual	3.00	0.67					
10	75-79	Former	269.00	60.04			25.18	14.00	5.20
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2090.00	23.41	256.00	10.26			
15	All Ages	Current MRTP	247.00	2.77					
15	All Ages	Current Dual	159.00	1.78					
15	All Ages	Former	2575.00	28.85			18.53	159.00	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	608.00	67.86					
15	25-29	Current CC	186.00	20.76	0.00	0.00			
15	25-29	Current MRTP	41.00	4.58					
15	25-29	Current Dual	22.00	2.46					
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	520.00	56.83					

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	228.00	24.92	9.00	2.95			
15	30-34	Current MRTP	44.00	4.81					
15	30-34	Current Dual	33.00	3.61					
15	30-34	Former	90.00	9.84			5.74	21.00	23.33
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	234.00	24.43	13.00	4.32			
15	35-39	Current MRTP	35.00	3.65					
15	35-39	Current Dual	32.00	3.34					
15	35-39	Former	189.00	19.73			10.06	21.00	11.11
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	472.00	43.95					
15	40-44	Current CC	290.00	27.00	26.00	7.85			
15	40-44	Current MRTP	27.00	2.51					
15	40-44	Current Dual	14.00	1.30					
15	40-44	Former	271.00	25.23			12.46	17.00	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	470.00	43.40					
15	45-49	Current CC	265.00	24.47	32.00	10.77			
15	45-49	Current MRTP	22.00	2.03					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	316.00	29.18			14.25	14.00	4.43
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	224.00	23.02	28.00	11.20			
15	50-54	Current MRTP	18.00	1.85					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	321.00	32.99			18.12	15.00	4.67
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	193.00	22.47	31.00	14.03			
15	55-59	Current MRTP	16.00	1.86					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	330.00	38.42			20.09	19.00	5.76
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	156.00	24.76	31.00	17.71			
15	60-64	Current MRTP	15.00	2.38					
15	60-64	Current Dual	4.00	0.63					
15	60-64	Former	263.00	41.75			22.78	12.00	4.56
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	124.00	23.66	28.00	20.44			
15	65-69	Current MRTP	3.00	0.57					
15	65-69	Current Dual	10.00	1.91					
15	65-69	Former	232.00	44.27			23.36	5.00	2.16
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	92.00	17.86	22.00	19.82			
15	70-74	Current MRTP	12.00	2.33					
15	70-74	Current Dual	7.00	1.36					
15	70-74	Former	263.00	51.07			24.49	11.00	4.18
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	36.00	30.25			
15	75-79	Current MRTP	14.00	2.80					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	261.00	52.20			26.68	11.00	4.21
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3676.00	43.62					
20	All Ages	Current CC	1768.00	20.98	284.00	12.96			

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	254.00	3.01					
20	All Ages	Current Dual	169.00	2.01					
20	All Ages	Former	2560.00	30.38			19.32	163.00	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	575.00	64.17					
20	30-34	Current CC	176.00	19.64	3.00	1.22			
20	30-34	Current MRTP	42.00	4.69					
20	30-34	Current Dual	28.00	3.13					
20	30-34	Former	75.00	8.37			5.41	17.00	22.67
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	203.00	22.19	15.00	5.28			
20	35-39	Current MRTP	48.00	5.25					
20	35-39	Current Dual	33.00	3.61					
20	35-39	Former	129.00	14.10			7.54	21.00	16.28
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	213.00	22.23	21.00	7.47			
20	40-44	Current MRTP	34.00	3.55					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	218.00	22.76			12.69	14.00	6.42
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	269.00	25.05	33.00	10.65			
20	45-49	Current MRTP	27.00	2.51					
20	45-49	Current Dual	14.00	1.30					
20	45-49	Former	292.00	27.19			15.49	19.00	6.51
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	228.00	21.05	41.00	15.47			
20	50-54	Current MRTP	30.00	2.77					
20	50-54	Current Dual	7.00	0.65					
20	50-54	Former	348.00	32.13			16.80	17.00	4.89
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	201.00	20.66	33.00	14.67			
20	55-59	Current MRTP	15.00	1.54					
20	55-59	Current Dual	9.00	0.92					
20	55-59	Former	346.00	35.56			20.65	16.00	4.62
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	170.00	19.79	39.00	18.93			
20	60-64	Current MRTP	21.00	2.44					

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	15.00	1.75					
20	60-64	Former	345.00	40.16			22.47	15.00	4.35

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	129.00	20.48	36.00	22.78			
20	65-69	Current MRTP	19.00	3.02					
20	65-69	Current Dual	10.00	1.59					
20	65-69	Former	280.00	44.44			24.22	15.00	5.36

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	106.00	20.23	34.00	27.64			
20	70-74	Current MRTP	10.00	1.91					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	246.00	46.95			25.24	12.00	4.88

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	73.00	14.17	29.00	31.18			
20	75-79	Current MRTP	8.00	1.55					
20	75-79	Current Dual	12.00	2.33					
20	75-79	Former	281.00	54.56			25.14	17.00	6.05

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.847	33.736	0.011	0.027	4845.61	1920.39	1919.86	0.522
1992	308577	122143.718	122013.646	130.072	0.042	0.106	4692.62	1857.47	1855.50	1.978
1993	311713	123269.216	122988.821	280.395	0.090	0.227	4656.77	1841.55	1837.36	4.189
1994	305700	120480.723	120092.366	388.357	0.127	0.322	4482.57	1766.64	1760.95	5.695
1995	303225	118666.569	118130.517	536.052	0.177	0.452	4361.58	1706.89	1699.18	7.711
1996	299559	116607.195	115920.663	686.532	0.229	0.589	4242.85	1651.58	1641.86	9.724
1997	294226	114665.051	113903.994	761.057	0.259	0.664	4100.64	1598.09	1587.48	10.607
1998	289258	113038.380	112101.069	937.311	0.324	0.829	3966.28	1549.97	1537.12	12.852
1999	311002	117067.463	115765.520	1301.943	0.419	1.112	4198.14	1580.27	1562.69	17.575
2000	303786	114977.407	113580.822	1396.586	0.460	1.215	4041.13	1529.49	1510.91	18.578
2001	296294	113047.319	111566.830	1480.489	0.500	1.310	3890.54	1484.39	1464.95	19.440
2002	291898	111744.742	110156.765	1587.977	0.544	1.421	3789.34	1450.64	1430.03	20.615
2003	285865	110551.854	108819.874	1731.979	0.606	1.567	3671.31	1419.80	1397.55	22.243
2004	274177	107418.262	105702.484	1715.778	0.626	1.597	3481.92	1364.16	1342.37	21.790
2005	272379	107678.770	105930.266	1748.504	0.642	1.624	3417.44	1351.01	1329.07	21.938
2006	264118	104357.806	102629.487	1728.319	0.654	1.656	3281.83	1296.71	1275.23	21.475
2007	258419	102690.449	100865.459	1824.990	0.706	1.777	3176.05	1262.10	1239.67	22.430
2008	259461	103492.166	101375.020	2117.146	0.816	2.046	3150.91	1256.82	1231.11	25.711
2009	253907	101384.044	99104.974	2279.069	0.898	2.248	3045.20	1215.94	1188.60	27.334

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	2250577.387	22666.29	0.390	0.997	3927.78	1535.76	1520.45	15.313

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.137	9.649	0.012	0.015	1213.84	975.702	975.553	0.149
1992	77987	62535.347	62506.191	29.156	0.037	0.047	1185.97	950.993	950.550	0.443
1993	78542	62883.111	62826.509	56.602	0.072	0.090	1173.36	939.428	938.582	0.846
1994	77437	61805.804	61724.334	81.470	0.105	0.132	1135.48	906.276	905.082	1.195
1995	76904	61145.799	61031.467	114.332	0.149	0.187	1106.18	879.519	877.874	1.645
1996	76232	60385.323	60238.374	146.948	0.193	0.243	1079.72	855.277	853.196	2.081
1997	75473	59549.806	59401.343	148.462	0.197	0.249	1051.87	829.947	827.878	2.069
1998	75381	59292.315	59075.515	216.799	0.288	0.366	1033.62	813.010	810.037	2.973
1999	73159	57398.351	57118.949	279.403	0.382	0.487	987.557	774.807	771.036	3.772
2000	73784	57716.549	57382.663	333.885	0.453	0.578	981.515	767.777	763.335	4.442
2001	73294	57211.877	56849.780	362.097	0.494	0.633	962.399	751.230	746.475	4.755
2002	72442	56438.810	56045.103	393.707	0.543	0.698	940.422	732.673	727.562	5.111
2003	71942	55948.341	55546.045	402.296	0.559	0.719	923.937	718.533	713.367	5.167
2004	71301	55339.218	54929.515	409.703	0.575	0.740	905.490	702.783	697.580	5.203
2005	70964	54964.459	54565.732	398.727	0.562	0.725	890.360	689.620	684.617	5.003
2006	69658	53781.526	53397.925	383.601	0.551	0.713	865.543	668.268	663.502	4.766
2007	68565	52784.985	52393.185	391.800	0.571	0.742	842.687	648.745	643.930	4.815
2008	68226	52470.692	51997.606	473.086	0.693	0.902	828.542	637.208	631.463	5.745
2009	67509	51823.021	51311.171	511.851	0.758	0.988	809.661	621.533	615.395	6.139

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	1154844.954	5143.575	0.348	0.443	997.213	783.665	780.190	3.475

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37049.863	17.521	0.010	0.047	2599.72	573.449	573.178	0.271
1992	164548	35863.851	35789.192	74.659	0.045	0.208	2502.33	545.392	544.257	1.135
1993	164362	35459.800	35291.506	168.294	0.102	0.475	2455.45	529.744	527.229	2.514
1994	159866	34293.631	34067.444	226.187	0.141	0.660	2344.16	502.857	499.541	3.317
1995	158083	33531.695	33227.951	303.744	0.192	0.906	2273.86	482.318	477.949	4.369
1996	154875	32438.163	32058.204	379.959	0.245	1.171	2193.60	459.443	454.061	5.382
1997	149970	31179.663	30743.831	435.832	0.291	1.398	2090.14	434.552	428.478	6.074
1998	145407	29860.736	29376.157	484.579	0.333	1.623	1993.81	409.447	402.803	6.644
1999	165952	34413.904	33725.340	688.565	0.415	2.001	2240.15	464.545	455.251	9.295
2000	160260	33265.290	32572.751	692.539	0.432	2.082	2131.87	442.513	433.300	9.213
2001	154444	32074.102	31350.072	724.030	0.469	2.257	2027.95	421.154	411.647	9.507
2002	151887	31817.956	31052.738	765.218	0.504	2.405	1971.76	413.052	403.118	9.934
2003	146733	31025.931	30143.053	882.878	0.602	2.846	1884.46	398.460	387.121	11.339
2004	138381	29503.602	28626.125	877.477	0.634	2.974	1757.38	374.682	363.539	11.144
2005	135881	29077.894	28169.619	908.275	0.668	3.124	1704.85	364.830	353.434	11.396
2006	131922	28385.448	27448.543	936.905	0.710	3.301	1639.21	352.707	341.065	11.642
2007	126502	27327.625	26319.558	1008.067	0.797	3.689	1554.75	335.866	323.476	12.389
2008	125859	27025.472	25907.372	1118.099	0.888	4.137	1528.44	328.199	314.621	13.578
2009	122428	26361.626	25152.509	1209.117	0.988	4.587	1468.33	316.165	301.664	14.501

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	626454.727	11901.95	0.397	1.864	2024.64	431.261	423.220	8.041

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 29 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	4486.163	1.819	0.006	0.041	504.630	69.431	69.403	0.028
1992	32100	4371.196	4359.461	11.735	0.037	0.268	488.154	66.474	66.296	0.178
1993	32896	4414.136	4385.307	28.830	0.088	0.653	491.442	65.944	65.513	0.431
1994	33323	4474.895	4432.632	42.264	0.127	0.944	488.625	65.617	64.997	0.620
1995	33569	4476.290	4416.290	60.001	0.179	1.340	482.855	64.387	63.524	0.863
1996	33870	4489.078	4409.913	79.165	0.234	1.764	479.723	63.582	62.461	1.121
1997	33516	4444.866	4344.664	100.202	0.299	2.254	467.113	61.948	60.552	1.397
1998	32795	4313.427	4216.188	97.239	0.297	2.254	449.682	59.145	57.812	1.333
1999	33375	4232.739	4113.151	119.588	0.358	2.825	450.521	57.137	55.522	1.614
2000	33459	4307.577	4192.439	115.138	0.344	2.673	445.090	57.302	55.770	1.532
2001	32275	4136.308	4025.302	111.006	0.344	2.684	423.792	54.312	52.855	1.458
2002	31586	4079.175	3971.334	107.841	0.341	2.644	410.041	52.955	51.555	1.400
2003	30985	4096.221	3958.921	137.300	0.443	3.352	397.934	52.607	50.844	1.763
2004	29884	4034.217	3903.042	131.175	0.439	3.252	379.513	51.233	49.567	1.666
2005	28708	3944.303	3811.924	132.379	0.461	3.356	360.189	49.488	47.827	1.661
2006	28188	3970.169	3828.283	141.886	0.503	3.574	350.253	49.332	47.569	1.763
2007	28026	3957.558	3794.508	163.049	0.582	4.120	344.449	48.640	46.636	2.004
2008	27128	3812.302	3651.375	160.926	0.593	4.221	329.444	46.297	44.343	1.954
2009	27068	3827.467	3640.468	186.999	0.691	4.886	324.637	45.904	43.662	2.243

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	82528.962	1928.542	0.307	2.283	424.421	57.058	55.755	1.303

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Main Results for E-Component Summarized over Simulations for Run: 29

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19503.683	4.747	0.014	0.024	527.418	301.804	301.731	0.073
1992	33942	19373.324	19358.802	14.522	0.043	0.075	516.166	294.616	294.395	0.221
1993	35913	20512.169	20485.500	26.669	0.074	0.130	536.514	306.437	306.038	0.398
1994	35074	19906.392	19867.957	38.435	0.110	0.193	514.300	291.893	291.330	0.564
1995	34669	19512.784	19454.809	57.976	0.167	0.297	498.677	280.671	279.837	0.834
1996	34582	19294.631	19214.171	80.460	0.233	0.417	489.808	273.283	272.143	1.140
1997	35267	19490.717	19414.155	76.561	0.217	0.393	491.517	271.643	270.576	1.067
1998	35675	19571.902	19433.208	138.694	0.389	0.709	489.172	268.368	266.466	1.902
1999	38516	21022.469	20808.081	214.388	0.557	1.020	519.919	283.777	280.884	2.894
2000	36283	19687.992	19432.969	255.023	0.703	1.295	482.656	261.900	258.508	3.392
2001	36281	19625.032	19341.676	283.355	0.781	1.444	476.394	257.690	253.969	3.721
2002	35983	19408.801	19087.590	321.210	0.893	1.655	467.122	251.960	247.790	4.170
2003	36205	19481.360	19171.855	309.505	0.855	1.589	464.974	250.195	246.220	3.975
2004	34611	18541.224	18243.802	297.423	0.859	1.604	439.544	235.465	231.688	3.777
2005	36826	19692.114	19382.991	309.123	0.839	1.570	462.043	247.070	243.192	3.878
2006	34350	18220.663	17954.736	265.927	0.774	1.459	426.820	226.403	223.099	3.304
2007	35326	18620.282	18358.208	262.073	0.742	1.407	434.168	228.849	225.628	3.221
2008	38248	20183.701	19818.666	365.034	0.954	1.809	464.487	245.112	240.679	4.433
2009	36902	19371.930	19000.828	371.102	1.006	1.916	442.580	232.335	227.884	4.451

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	386748.745	3692.229	0.518	0.946	481.512	263.774	261.280	2.494

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN15
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 30, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 30, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN15

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	1-3	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	1-3	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	1-3	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	1-3	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	1-3	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	1-3	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000
10-14	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
15-19	4+	0.000800	0.000400	0.003000	0.000800	0.000200	0.003000
20-24	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
25-29	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
30-34	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
35-39	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
40-44	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
45-49	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
50-54	4+	0.000800	0.000400	0.004000	0.000800	0.000200	0.004000
55-59	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
60-64	4+	0.000800	0.000400	0.005000	0.000800	0.000200	0.005000
65-69	4+	0.000800	0.000400	0.006000	0.000800	0.000200	0.006000
70-74	4+	0.000800	0.000400	0.007000	0.000800	0.000200	0.007000
75-79	4+	0.000800	0.000400	0.008000	0.000800	0.000200	0.008000

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 30, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 30, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2027.00	22.32	102.00	4.64			
5	All Ages	Current MRTP	102.00	1.12					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1999.00	22.02			14.74	123.00	6.15

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	2.00	0.67					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	3.00	1.01			1.33	2.00	66.67

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	8.00	3.39			
5	25-29	Current MRTP	18.00	2.17					
5	25-29	Current Dual	13.00	1.56					
5	25-29	Former	138.00	16.61			5.35	15.00	10.87
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	281.00	28.13	13.00	4.33			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	183.00	18.32			7.72	14.00	7.65
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	8.00	2.43			
5	35-39	Current MRTP	19.00	1.69					
5	35-39	Current Dual	9.00	0.80					
5	35-39	Former	243.00	21.66			8.37	17.00	7.00
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.91			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	251.00	25.88			11.60	14.00	5.58
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	8.00	4.32			
5	45-49	Current MRTP	4.00	0.49					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.20	16.00	7.84
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	8.00	5.23			
5	50-54	Current MRTP	5.00	0.81					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	167.00	26.89			15.27	11.00	6.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	6.00	4.72			
5	55-59	Current MRTP	2.00	0.37					
5	55-59	Current Dual	1.00	0.19					
5	55-59	Former	156.00	29.16			14.98	7.00	4.49
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	10.00	9.01			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	2.00	0.37					
5	65-69	Former	165.00	30.78			21.20	9.00	5.45
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	11.00	13.10			
5	70-74	Current MRTP	4.00	0.74					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	175.00	32.47			24.85	4.00	2.29

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	11.00	18.97			
5	75-79	Current MRTP	5.00	1.03					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	161.00	33.13			27.84	3.00	1.86

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1901.00	20.87	172.00	7.79			
10	All Ages	Current MRTP	179.00	1.97					
10	All Ages	Current Dual	129.00	1.42					
10	All Ages	Former	2031.00	22.30			16.13	125.00	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	632.00	77.74					
10	20-24	Current CC	143.00	17.59	0.00	0.00			
10	20-24	Current MRTP	13.00	1.60					
10	20-24	Current Dual	12.00	1.48					
10	20-24	Former	13.00	1.60			3.46	4.00	30.77

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.88			
10	25-29	Current MRTP	30.00	3.55					
10	25-29	Current Dual	27.00	3.20					
10	25-29	Former	51.00	6.04			4.37	17.00	33.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	188.00	22.62	14.00	5.96			
10	30-34	Current MRTP	22.00	2.65					
10	30-34	Current Dual	25.00	3.01					
10	30-34	Former	173.00	20.82			8.25	20.00	11.56

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	258.00	25.83	24.00	7.95			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	21.00	2.10					
10	35-39	Former	204.00	20.42			10.81	10.00	4.90

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	540.00	48.13					
10	40-44	Current CC	265.00	23.62	19.00	6.19			
10	40-44	Current MRTP	28.00	2.50					
10	40-44	Current Dual	14.00	1.25					
10	40-44	Former	275.00	24.51			11.45	16.00	5.82

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	190.00	19.59	21.00	9.81			
10	45-49	Current MRTP	14.00	1.44					
10	45-49	Current Dual	10.00	1.03					
10	45-49	Former	267.00	27.53			15.15	11.00	4.12

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	16.00	9.36			
10	50-54	Current MRTP	9.00	1.11					
10	50-54	Current Dual	3.00	0.37					
10	50-54	Former	218.00	26.88			14.40	14.00	6.42
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	15.00	10.64			
10	55-59	Current MRTP	9.00	1.45					
10	55-59	Current Dual	3.00	0.48					
10	55-59	Former	179.00	28.82			18.14	8.00	4.47
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	8.00	6.67			
10	60-64	Current MRTP	4.00	0.75					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	163.00	30.47			18.64	3.00	1.84
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	93.00	19.06	11.00	11.00			
10	65-69	Current MRTP	5.00	1.02					
10	65-69	Current Dual	2.00	0.41					
10	65-69	Former	138.00	28.28			23.96	2.00	1.45
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	13.00	13.00			
10	70-74	Current MRTP	10.00	1.87					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	176.00	32.84			23.67	11.00	6.25
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	26.00	30.59			
10	75-79	Current MRTP	12.00	2.23					
10	75-79	Current Dual	7.00	1.30					
10	75-79	Former	174.00	32.28			27.46	9.00	5.17
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1650.00	19.25	206.00	10.27			
15	All Ages	Current MRTP	205.00	2.39					
15	All Ages	Current Dual	151.00	1.76					
15	All Ages	Former	2101.00	24.52			17.05	146.00	6.95
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	151.00	18.57	2.00	0.96			
15	25-29	Current MRTP	34.00	4.18					
15	25-29	Current Dual	23.00	2.83					
15	25-29	Former	36.00	4.43			3.86	13.00	36.11
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	482.00	57.11					

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	199.00	23.58	8.00	2.91			
15	30-34	Current MRTP	40.00	4.74					
15	30-34	Current Dual	36.00	4.27					
15	30-34	Former	87.00	10.31			5.89	18.00	20.69
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	166.00	19.98	23.00	10.50			
15	35-39	Current MRTP	27.00	3.25					
15	35-39	Current Dual	26.00	3.13					
15	35-39	Former	203.00	24.43			11.10	13.00	6.40
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	228.00	22.82	29.00	10.58			
15	40-44	Current MRTP	22.00	2.20					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	236.00	23.62			13.32	16.00	6.78
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	231.00	20.59	24.00	8.73			
15	45-49	Current MRTP	30.00	2.67					
15	45-49	Current Dual	14.00	1.25					
15	45-49	Former	307.00	27.36			14.42	14.00	4.56
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	167.00	17.22	28.00	14.51			
15	50-54	Current MRTP	14.00	1.44					
15	50-54	Current Dual	12.00	1.24					
15	50-54	Former	288.00	29.69			17.90	15.00	5.21
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	143.00	17.63	17.00	11.18			
15	55-59	Current MRTP	6.00	0.74					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	237.00	29.22			17.14	16.00	6.75
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	19.00	15.45			
15	60-64	Current MRTP	10.00	1.61					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	197.00	31.72			20.29	12.00	6.09
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	21.00	18.75			
15	65-69	Current MRTP	6.00	1.12					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	171.00	31.96			21.50	7.00	4.09
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	78.00	15.98	12.00	14.12			
15	70-74	Current MRTP	6.00	1.23					
15	70-74	Current Dual	1.00	0.20					
15	70-74	Former	153.00	31.35			24.62	9.00	5.88
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	75.00	13.99	23.00	25.56			
15	75-79	Current MRTP	10.00	1.87					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	186.00	34.70			25.25	13.00	6.99
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1414.00	17.60	218.00	12.39			

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	208.00	2.59					
20	All Ages	Current Dual	137.00	1.71					
20	All Ages	Former	2131.00	26.52			18.38	127.00	5.96
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	148.00	18.20	3.00	1.44			
20	30-34	Current MRTP	38.00	4.67					
20	30-34	Current Dual	23.00	2.83					
20	30-34	Former	68.00	8.36			5.59	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	466.00	55.21					
20	35-39	Current CC	175.00	20.73	11.00	4.45			
20	35-39	Current MRTP	42.00	4.98					
20	35-39	Current Dual	30.00	3.55					
20	35-39	Former	131.00	15.52			7.37	26.00	19.85
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	147.00	17.69	28.00	13.73			
20	40-44	Current MRTP	29.00	3.49					
20	40-44	Current Dual	28.00	3.37					
20	40-44	Former	228.00	27.44			14.11	9.00	3.95
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	212.00	21.22	31.00	12.30			
20	45-49	Current MRTP	21.00	2.10					
20	45-49	Current Dual	19.00	1.90					
20	45-49	Former	258.00	25.83			16.21	11.00	4.26
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	204.00	18.18	26.00	10.74			
20	50-54	Current MRTP	26.00	2.32					
20	50-54	Current Dual	12.00	1.07					
20	50-54	Former	340.00	30.30			16.91	19.00	5.59
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	489.00	50.41					
20	55-59	Current CC	150.00	15.46	31.00	17.61			
20	55-59	Current MRTP	13.00	1.34					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	305.00	31.44			20.73	9.00	2.95
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	25.00	17.73			
20	60-64	Current MRTP	17.00	2.10					

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	2.00	0.25					
20	60-64	Former	248.00	30.58			20.21	13.00	5.24

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	23.00	20.35			
20	65-69	Current MRTP	10.00	1.61					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	207.00	33.33			23.11	6.00	2.90

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	20.00	20.41			
20	70-74	Current MRTP	7.00	1.31					
20	70-74	Current Dual	2.00	0.37					
20	70-74	Former	185.00	34.58			23.89	11.00	5.95

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	68.00	13.93	20.00	25.97			
20	75-79	Current MRTP	5.00	1.02					
20	75-79	Current Dual	4.00	0.82					
20	75-79	Former	161.00	32.99			25.71	10.00	6.21

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.489	8.372	0.004	0.014	2826.86	839.248	839.129	0.119
1992	198532	60226.142	60221.816	4.326	0.002	0.007	2778.64	842.922	842.862	0.061
1993	202512	62332.320	62318.183	14.137	0.007	0.023	2793.47	859.818	859.623	0.195
1994	200658	62691.239	62679.755	11.484	0.006	0.018	2725.82	851.622	851.466	0.156
1995	201023	63132.954	63104.871	28.084	0.014	0.044	2687.54	844.043	843.668	0.375
1996	201180	64309.880	64378.301	-68.421	-0.034	-0.106	2653.67	848.280	849.182	-0.903
1997	198639	64547.894	64612.897	-65.003	-0.033	-0.101	2583.39	839.475	840.320	-0.845
1998	197573	65384.866	65410.522	-25.656	-0.013	-0.039	2533.29	838.367	838.696	-0.329
1999	211329	67554.762	67504.543	50.219	0.024	0.074	2673.14	854.513	853.878	0.635
2000	208496	68184.366	68097.131	87.235	0.042	0.128	2604.20	851.652	850.562	1.090
2001	203606	68286.060	68069.503	216.557	0.106	0.317	2514.65	843.372	840.698	2.675
2002	200828	68983.996	68792.126	191.869	0.096	0.278	2455.47	843.450	841.104	2.346
2003	196352	68717.830	68355.710	362.120	0.184	0.527	2377.49	832.057	827.673	4.385
2004	188160	67344.952	66743.092	601.859	0.320	0.894	2254.66	806.974	799.762	7.212
2005	186416	67846.650	67104.382	742.268	0.398	1.094	2208.07	803.634	794.842	8.792
2006	180088	66622.465	65489.678	1132.787	0.629	1.700	2113.55	781.893	768.599	13.295
2007	175644	65977.201	64619.014	1358.187	0.773	2.059	2039.92	766.256	750.482	15.774
2008	177570	67121.344	65641.248	1480.095	0.834	2.205	2039.03	770.751	753.755	16.996
2009	172806	66622.993	64847.259	1775.734	1.028	2.665	1961.22	756.123	735.969	20.153

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	1294410.111	7906.254	0.203	0.607	2465.77	823.300	818.302	4.998

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31526.241	3.778	0.009	0.012	620.154	447.530	447.476	0.054
1992	45423	32811.446	32810.411	1.036	0.002	0.003	635.738	459.227	459.213	0.014
1993	46291	33467.735	33465.213	2.523	0.005	0.008	638.542	461.657	461.622	0.035
1994	47017	33989.389	33991.089	-1.700	-0.004	-0.005	638.697	461.725	461.748	-0.023
1995	47840	34566.580	34565.515	1.065	0.002	0.003	639.587	462.131	462.117	0.014
1996	48244	34997.958	35032.156	-34.199	-0.071	-0.098	636.363	461.641	462.092	-0.451
1997	49035	35549.658	35581.727	-32.069	-0.065	-0.090	637.723	462.340	462.757	-0.417
1998	49686	36138.033	36168.122	-30.088	-0.061	-0.083	637.076	463.363	463.749	-0.386
1999	48883	35506.142	35524.194	-18.052	-0.037	-0.051	618.331	449.124	449.353	-0.228
2000	50331	36573.306	36578.934	-5.628	-0.011	-0.015	628.656	456.816	456.886	-0.070
2001	50389	36733.445	36708.086	25.359	0.050	0.069	622.333	453.679	453.366	0.313
2002	51445	37627.700	37602.597	25.103	0.049	0.067	629.005	460.065	459.758	0.307
2003	51408	37552.784	37468.140	84.644	0.165	0.225	622.464	454.701	453.676	1.025
2004	51399	37527.823	37372.574	155.249	0.302	0.414	615.898	449.684	447.824	1.860
2005	51421	37486.186	37297.234	188.953	0.367	0.504	609.074	444.018	441.780	2.238
2006	51355	37409.496	37078.257	331.239	0.645	0.885	602.712	439.045	435.157	3.887
2007	51839	37602.867	37198.237	404.630	0.781	1.076	602.056	436.718	432.019	4.699
2008	50976	36986.957	36566.239	420.718	0.825	1.137	585.355	424.719	419.888	4.831
2009	51193	37201.944	36665.996	535.948	1.047	1.441	581.003	422.215	416.132	6.083

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	709846.331	2058.508	0.210	0.289	619.890	450.053	448.752	1.301

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.061	-0.081	-0.000	-0.001	1368.32	179.735	179.737	-0.001
1992	93721	12337.995	12336.212	1.783	0.002	0.014	1311.71	172.682	172.657	0.025
1993	93679	12401.934	12393.034	8.900	0.010	0.072	1292.22	171.073	170.951	0.123
1994	90832	12128.576	12113.623	14.953	0.016	0.123	1233.90	164.759	164.556	0.203
1995	89698	11958.696	11935.537	23.159	0.026	0.194	1199.20	159.879	159.570	0.310
1996	88286	12020.749	12015.806	4.943	0.006	0.041	1164.54	158.560	158.495	0.065
1997	84777	11593.724	11581.630	12.093	0.014	0.104	1102.56	150.782	150.624	0.157
1998	82517	11337.035	11295.423	41.612	0.050	0.367	1058.04	145.364	144.830	0.534
1999	93939	13027.458	12932.076	95.381	0.102	0.732	1188.25	164.787	163.580	1.206
2000	90039	12607.547	12511.381	96.166	0.107	0.763	1124.63	157.474	156.272	1.201
2001	86119	12350.451	12188.909	161.542	0.188	1.308	1063.62	152.535	150.540	1.995
2002	83014	12112.097	11950.565	161.532	0.195	1.334	1014.99	148.092	146.117	1.975
2003	79302	11683.252	11479.679	203.574	0.257	1.742	960.214	141.465	139.000	2.465
2004	73861	11139.095	10844.262	294.833	0.399	2.647	885.053	133.476	129.943	3.533
2005	71649	10884.683	10542.191	342.492	0.478	3.147	848.672	128.927	124.871	4.057
2006	67551	10397.565	9953.262	444.302	0.658	4.273	792.791	122.028	116.813	5.214
2007	63503	9785.831	9256.127	529.704	0.834	5.413	737.521	113.652	107.500	6.152
2008	63171	9922.524	9340.229	582.295	0.922	5.868	725.389	113.940	107.253	6.686
2009	59747	9483.598	8835.954	647.643	1.084	6.829	678.085	107.632	100.282	7.350

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	228815.723	3666.826	0.222	1.577	1043.56	146.971	144.653	2.318

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 30 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	3115.113	0.902	0.003	0.029	461.369	44.228	44.215	0.013
1992	32560	3095.448	3094.860	0.588	0.002	0.019	455.708	43.324	43.316	0.008
1993	32768	3114.516	3113.365	1.151	0.004	0.037	452.005	42.962	42.946	0.016
1994	33005	3168.398	3165.653	2.746	0.008	0.087	448.353	43.041	43.003	0.037
1995	33730	3200.274	3194.783	5.491	0.016	0.172	450.946	42.785	42.712	0.073
1996	33750	3234.738	3231.850	2.888	0.009	0.089	445.180	42.668	42.630	0.038
1997	33699	3240.665	3245.084	-4.420	-0.013	-0.136	438.271	42.146	42.204	-0.057
1998	33274	3171.578	3163.929	7.649	0.023	0.241	426.640	40.666	40.568	0.098
1999	33891	3153.786	3131.651	22.135	0.065	0.702	428.694	39.893	39.613	0.280
2000	33827	3237.043	3204.800	32.243	0.095	0.996	422.514	40.432	40.029	0.403
2001	32506	3110.972	3056.471	54.500	0.168	1.752	401.468	38.422	37.749	0.673
2002	32078	3123.298	3066.755	56.542	0.176	1.810	392.210	38.188	37.496	0.691
2003	30568	3025.984	2960.783	65.201	0.213	2.155	370.127	36.640	35.850	0.789
2004	29388	2983.453	2885.415	98.038	0.334	3.286	352.147	35.750	34.575	1.175
2005	27954	2926.679	2809.129	117.550	0.421	4.016	331.111	34.666	33.274	1.392
2006	27201	2889.308	2738.715	150.593	0.554	5.212	319.236	33.909	32.142	1.767
2007	26302	2810.025	2630.512	179.514	0.683	6.388	305.470	32.636	30.551	2.085
2008	25998	2773.025	2581.779	191.245	0.736	6.897	298.534	31.843	29.646	2.196
2009	25040	2723.293	2505.588	217.705	0.869	7.994	284.186	30.907	28.437	2.471

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	60089.481	1202.262	0.193	1.962	394.195	38.747	37.987	0.760

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Main Results for E-Component Summarized over Simulations for Run: 30

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11815.074	3.773	0.014	0.032	377.015	167.754	167.701	0.054
1992	26828	11981.252	11980.333	0.919	0.003	0.008	375.483	167.689	167.676	0.013
1993	29774	13348.134	13346.571	1.563	0.005	0.012	410.705	184.125	184.104	0.022
1994	29804	13404.876	13409.390	-4.514	-0.015	-0.034	404.869	182.097	182.158	-0.061
1995	29755	13407.404	13409.037	-1.632	-0.005	-0.012	397.803	179.248	179.269	-0.022
1996	30900	14056.435	14098.489	-42.054	-0.136	-0.299	407.587	185.412	185.966	-0.555
1997	31128	14163.848	14204.456	-40.608	-0.130	-0.287	404.834	184.207	184.735	-0.528
1998	32096	14738.220	14783.049	-44.829	-0.140	-0.304	411.536	188.974	189.549	-0.575
1999	34616	15867.376	15916.621	-49.245	-0.142	-0.310	437.865	200.710	201.332	-0.623
2000	34299	15766.470	15802.016	-35.546	-0.104	-0.225	428.409	196.930	197.374	-0.444
2001	34592	16091.193	16116.037	-24.844	-0.072	-0.154	427.231	198.736	199.042	-0.307
2002	34291	16120.902	16172.209	-51.308	-0.150	-0.318	419.268	197.106	197.734	-0.627
2003	35074	16455.810	16447.109	8.702	0.025	0.053	424.687	199.252	199.147	0.105
2004	33512	15694.580	15640.841	53.739	0.160	0.342	401.564	188.063	187.419	0.644
2005	35392	16549.102	16455.828	93.274	0.264	0.564	419.213	196.022	194.917	1.105
2006	33981	15926.096	15719.443	206.653	0.608	1.298	398.807	186.912	184.486	2.425
2007	34000	15778.477	15534.138	244.339	0.719	1.549	394.875	183.251	180.413	2.838
2008	37425	17438.838	17153.001	285.837	0.764	1.639	429.749	200.249	196.967	3.282
2009	36826	17214.158	16839.719	374.439	1.017	2.175	417.948	195.368	191.119	4.250

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	295658.575	978.658	0.152	0.330	408.132	187.528	186.910	0.619

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN16
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 31, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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: 31, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	RUN16

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 31, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 31, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3900.00	42.50					
5	All Ages	Current CC	2492.00	27.15	136.00	5.04			
5	All Ages	Current MRTP	107.00	1.17					
5	All Ages	Current Dual	99.00	1.08					
5	All Ages	Former	2579.00	28.10			15.71	132.00	5.12

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	291.00	85.84					
5	18-19	Current CC	42.00	12.39	0.00	0.00			
5	18-19	Current MRTP	3.00	0.88					
5	18-19	Current Dual	3.00	0.88					
5	18-19	Former	0.00	0.00			.	0.00	.

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	629.00	68.74					
5	20-24	Current CC	235.00	25.68	0.00	0.00			
5	20-24	Current MRTP	15.00	1.64					
5	20-24	Current Dual	11.00	1.20					
5	20-24	Former	25.00	2.73			2.96	9.00	36.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	527.00	55.01					
5	25-29	Current CC	281.00	29.33	3.00	0.93			
5	25-29	Current MRTP	21.00	2.19					
5	25-29	Current Dual	19.00	1.98					
5	25-29	Former	110.00	11.48			5.14	17.00	15.45
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	487.00	45.34					
5	30-34	Current CC	357.00	33.24	9.00	2.36			
5	30-34	Current MRTP	12.00	1.12					
5	30-34	Current Dual	13.00	1.21					
5	30-34	Former	205.00	19.09			6.34	24.00	11.71
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	474.00	43.77					
5	35-39	Current CC	337.00	31.12	15.00	4.20			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	10.00	0.92					
5	35-39	Former	252.00	23.27			7.82	17.00	6.75
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	402.00	41.32					
5	40-44	Current CC	287.00	29.50	13.00	4.32			
5	40-44	Current MRTP	7.00	0.72					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	270.00	27.75			12.27	10.00	3.70
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	237.00	27.59	12.00	4.71			
5	45-49	Current MRTP	7.00	0.81					
5	45-49	Current Dual	11.00	1.28					
5	45-49	Former	296.00	34.46			13.91	9.00	3.04
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	196.00	31.11	14.00	6.83			
5	50-54	Current MRTP	6.00	0.95					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	233.00	36.98			17.48	7.00	3.00
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	10.00	6.80			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	3.00	0.57					
5	55-59	Former	222.00	42.37			16.95	13.00	5.86
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	114.00	22.14	15.00	11.81			
5	60-64	Current MRTP	6.00	1.17					
5	60-64	Current Dual	7.00	1.36					
5	60-64	Former	247.00	47.96			18.90	5.00	2.02
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	116.00	23.20	13.00	10.57			
5	65-69	Current MRTP	3.00	0.60					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	257.00	51.40			22.10	8.00	3.11
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	18.00	20.22			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	5.00	1.12					
5	70-74	Former	253.00	56.47			23.10	8.00	3.16

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	74.00	20.61	14.00	17.07			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	3.00	0.84					
5	75-79	Former	209.00	58.22			24.62	5.00	2.39

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4083.00	43.55					
10	All Ages	Current CC	2343.00	24.99	243.00	8.82			
10	All Ages	Current MRTP	240.00	2.56					
10	All Ages	Current Dual	172.00	1.83					
10	All Ages	Former	2537.00	27.06			17.72	134.00	5.28

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	679.00	75.78					
10	20-24	Current CC	176.00	19.64	0.00	0.00			
10	20-24	Current MRTP	18.00	2.01					
10	20-24	Current Dual	13.00	1.45					
10	20-24	Former	10.00	1.12			2.90	4.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	245.00	26.78	5.00	1.57			
10	25-29	Current MRTP	36.00	3.93					
10	25-29	Current Dual	38.00	4.15					
10	25-29	Former	43.00	4.70			4.95	12.00	27.91

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	483.00	50.42					
10	30-34	Current CC	255.00	26.62	8.00	2.41			
10	30-34	Current MRTP	45.00	4.70					
10	30-34	Current Dual	32.00	3.34					
10	30-34	Former	143.00	14.93			7.90	16.00	11.19

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	474.00	44.13					
10	35-39	Current CC	329.00	30.63	22.00	5.91			
10	35-39	Current MRTP	25.00	2.33					
10	35-39	Current Dual	18.00	1.68					
10	35-39	Former	228.00	21.23			9.95	16.00	7.02

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	470.00	43.40					
10	40-44	Current CC	291.00	26.87	29.00	8.84			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	13.00	1.20					
10	40-44	Former	285.00	26.32			11.01	20.00	7.02

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	402.00	41.32					
10	45-49	Current CC	264.00	27.13	25.00	8.62			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	9.00	0.92					
10	45-49	Former	281.00	28.88			16.04	11.00	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 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	215.00	25.03	30.00	12.15			
10	50-54	Current MRTP	17.00	1.98					
10	50-54	Current Dual	15.00	1.75					
10	50-54	Former	304.00	35.39			17.43	6.00	1.97
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	170.00	26.98	27.00	14.14			
10	55-59	Current MRTP	15.00	2.38					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	247.00	39.21			20.52	7.00	2.83
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	128.00	24.43	14.00	10.22			
10	60-64	Current MRTP	4.00	0.76					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	232.00	44.27			20.13	9.00	3.88
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	103.00	20.00	25.00	19.84			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	8.00	1.55					
10	65-69	Former	248.00	48.16			22.26	9.00	3.63
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	107.00	21.40	32.00	25.60			
10	70-74	Current MRTP	11.00	2.20					
10	70-74	Current Dual	7.00	1.40					
10	70-74	Former	255.00	51.00			24.96	12.00	4.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	60.00	13.39	26.00	32.10			
10	75-79	Current MRTP	13.00	2.90					
10	75-79	Current Dual	8.00	1.79					
10	75-79	Former	261.00	58.26			25.89	12.00	4.60
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3856.00	43.19					
15	All Ages	Current CC	2091.00	23.42	317.00	12.07			
15	All Ages	Current MRTP	327.00	3.66					
15	All Ages	Current Dual	209.00	2.34					
15	All Ages	Former	2444.00	27.38			19.27	129.00	5.28
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	608.00	67.86					
15	25-29	Current CC	186.00	20.76	0.00	0.00			
15	25-29	Current MRTP	44.00	4.91					
15	25-29	Current Dual	26.00	2.90					
15	25-29	Former	32.00	3.57			3.63	10.00	31.25
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	520.00	56.83					

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	228.00	24.92	10.00	3.07			
15	30-34	Current MRTP	56.00	6.12					
15	30-34	Current Dual	42.00	4.59					
15	30-34	Former	69.00	7.54			6.39	14.00	20.29
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	468.00	48.85					
15	35-39	Current CC	233.00	24.32	16.00	5.00			
15	35-39	Current MRTP	51.00	5.32					
15	35-39	Current Dual	36.00	3.76					
15	35-39	Former	170.00	17.75			10.52	19.00	11.18
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	472.00	43.95					
15	40-44	Current CC	292.00	27.19	31.00	9.04			
15	40-44	Current MRTP	32.00	2.98					
15	40-44	Current Dual	19.00	1.77					
15	40-44	Former	259.00	24.12			12.74	17.00	6.56
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	470.00	43.40					
15	45-49	Current CC	264.00	24.38	42.00	13.50			
15	45-49	Current MRTP	29.00	2.68					
15	45-49	Current Dual	18.00	1.66					
15	45-49	Former	302.00	27.89			14.69	12.00	3.97
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	402.00	41.32					
15	50-54	Current CC	225.00	23.12	30.00	11.76			
15	50-54	Current MRTP	21.00	2.16					
15	50-54	Current Dual	9.00	0.92					
15	50-54	Former	316.00	32.48			18.32	14.00	4.43
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	193.00	22.47	41.00	17.45			
15	55-59	Current MRTP	24.00	2.79					
15	55-59	Current Dual	18.00	2.10					
15	55-59	Former	316.00	36.79			20.80	15.00	4.75
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	157.00	24.92	35.00	19.02			
15	60-64	Current MRTP	21.00	3.33					
15	60-64	Current Dual	6.00	0.95					
15	60-64	Former	254.00	40.32			23.45	10.00	3.94
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	124.00	23.66	30.00	21.43			
15	65-69	Current MRTP	5.00	0.95					
15	65-69	Current Dual	11.00	2.10					
15	65-69	Former	229.00	43.70			23.58	4.00	1.75
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	91.00	17.67	34.00	26.98			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	12.00	2.33					
15	70-74	Former	248.00	48.16			25.65	8.00	3.23
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	98.00	19.60	48.00	36.64			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	12.00	2.40					
15	75-79	Former	249.00	49.80			27.84	6.00	2.41
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	3676.00	43.62					
20	All Ages	Current CC	1765.00	20.94	360.00	15.08			

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	383.00	4.54					
20	All Ages	Current Dual	240.00	2.85					
20	All Ages	Former	2363.00	28.04			20.41	124.00	5.25
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	575.00	64.17					
20	30-34	Current CC	175.00	19.53	2.00	0.75			
20	30-34	Current MRTP	53.00	5.92					
20	30-34	Current Dual	39.00	4.35					
20	30-34	Former	54.00	6.03			5.83	12.00	22.22
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	502.00	54.86					
20	35-39	Current CC	202.00	22.08	13.00	4.15			
20	35-39	Current MRTP	63.00	6.89					
20	35-39	Current Dual	48.00	5.25					
20	35-39	Former	100.00	10.93			7.95	16.00	16.00
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	459.00	47.91					
20	40-44	Current CC	212.00	22.13	25.00	8.04			
20	40-44	Current MRTP	59.00	6.16					
20	40-44	Current Dual	40.00	4.18					
20	40-44	Former	188.00	19.62			13.49	9.00	4.79
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	472.00	43.95					
20	45-49	Current CC	272.00	25.33	41.00	12.58			
20	45-49	Current MRTP	36.00	3.35					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	276.00	25.70			15.93	15.00	5.43
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	470.00	43.40					
20	50-54	Current CC	228.00	21.05	50.00	17.67			
20	50-54	Current MRTP	39.00	3.60					
20	50-54	Current Dual	16.00	1.48					
20	50-54	Former	330.00	30.47			17.33	13.00	3.94
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	402.00	41.32					
20	55-59	Current CC	201.00	20.66	41.00	17.08			
20	55-59	Current MRTP	27.00	2.77					
20	55-59	Current Dual	12.00	1.23					
20	55-59	Former	331.00	34.02			21.37	11.00	3.32
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	170.00	19.79	53.00	23.35			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	23.00	2.68					
20	60-64	Former	324.00	37.72			23.54	14.00	4.32

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	127.00	20.16	43.00	25.29			
20	65-69	Current MRTP	32.00	5.08					
20	65-69	Current Dual	11.00	1.75					
20	65-69	Former	268.00	42.54			25.01	12.00	4.48

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	43.00	32.09			
20	70-74	Current MRTP	14.00	2.67					
20	70-74	Current Dual	14.00	2.67					
20	70-74	Former	235.00	44.85			26.18	11.00	4.68

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	72.00	13.98	49.00	41.88			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	19.00	3.69					
20	75-79	Former	257.00	49.90			26.86	11.00	4.28

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.847	33.736	0.011	0.027	4845.61	1920.39	1919.86	0.522
1992	308577	122143.718	122019.184	124.535	0.040	0.102	4692.62	1857.47	1855.58	1.894
1993	311713	123269.216	122999.775	269.442	0.086	0.219	4656.77	1841.55	1837.53	4.025
1994	305700	120480.723	120107.773	372.950	0.122	0.310	4482.57	1766.64	1761.17	5.469
1995	303225	118666.569	118153.286	513.283	0.169	0.433	4361.58	1706.89	1699.51	7.383
1996	299559	116607.195	115957.374	649.820	0.217	0.557	4242.85	1651.58	1642.38	9.204
1997	294226	114665.051	113957.172	707.880	0.241	0.617	4100.64	1598.09	1588.22	9.866
1998	289258	113038.380	112193.478	844.902	0.292	0.747	3966.28	1549.97	1538.39	11.585
1999	311002	117067.463	115921.955	1145.508	0.368	0.979	4198.14	1580.27	1564.80	15.463
2000	303786	114977.407	113787.692	1189.715	0.392	1.035	4041.13	1529.49	1513.67	15.826
2001	296294	113047.319	111841.043	1206.276	0.407	1.067	3890.54	1484.39	1468.55	15.839
2002	291898	111744.742	110493.874	1250.868	0.429	1.119	3789.34	1450.64	1434.40	16.238
2003	285865	110551.854	109226.919	1324.935	0.463	1.198	3671.31	1419.80	1402.78	17.016
2004	274177	107418.262	106158.902	1259.360	0.459	1.172	3481.92	1364.16	1348.17	15.993
2005	272379	107678.770	106438.004	1240.766	0.456	1.152	3417.44	1351.01	1335.44	15.567
2006	264118	104357.806	103181.896	1175.910	0.445	1.127	3281.83	1296.71	1282.10	14.611
2007	258419	102690.449	101501.099	1189.351	0.460	1.158	3176.05	1262.10	1247.48	14.618
2008	259461	103492.166	102062.559	1429.607	0.551	1.381	3150.91	1256.82	1239.46	17.361
2009	253907	101384.044	99874.299	1509.745	0.595	1.489	3045.20	1215.94	1197.83	18.107

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	2255805.091	17438.59	0.300	0.767	3927.78	1535.76	1523.98	11.781

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.137	9.649	0.012	0.015	1213.84	975.702	975.553	0.149
1992	77987	62535.347	62507.121	28.227	0.036	0.045	1185.97	950.993	950.564	0.429
1993	78542	62883.111	62828.392	54.719	0.070	0.087	1173.36	939.428	938.611	0.817
1994	77437	61805.804	61727.064	78.740	0.102	0.127	1135.48	906.276	905.122	1.155
1995	76904	61145.799	61035.817	109.982	0.143	0.180	1106.18	879.519	877.937	1.582
1996	76232	60385.323	60246.075	139.248	0.183	0.231	1079.72	855.277	853.305	1.972
1997	75473	59549.806	59411.579	138.226	0.183	0.232	1051.87	829.947	828.021	1.926
1998	75381	59292.315	59094.388	197.927	0.263	0.334	1033.62	813.010	810.296	2.714
1999	73159	57398.351	57147.841	250.510	0.342	0.436	987.557	774.807	771.426	3.382
2000	73784	57716.549	57423.432	293.117	0.397	0.508	981.515	767.777	763.878	3.899
2001	73294	57211.877	56904.833	307.044	0.419	0.537	962.399	751.230	747.198	4.032
2002	72442	56438.810	56112.836	325.974	0.450	0.578	940.422	732.673	728.442	4.232
2003	71942	55948.341	55630.522	317.820	0.442	0.568	923.937	718.533	714.452	4.082
2004	71301	55339.218	55023.952	315.267	0.442	0.570	905.490	702.783	698.779	4.004
2005	70964	54964.459	54670.355	294.104	0.414	0.535	890.360	689.620	685.930	3.690
2006	69658	53781.526	53515.074	266.453	0.383	0.495	865.543	668.268	664.958	3.311
2007	68565	52784.985	52531.190	253.795	0.370	0.481	842.687	648.745	645.626	3.119
2008	68226	52470.692	52145.871	324.821	0.476	0.619	828.542	637.208	633.263	3.945
2009	67509	51823.021	51482.237	340.784	0.505	0.658	809.661	621.533	617.446	4.087

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	1155942.122	4046.406	0.274	0.349	997.213	783.665	780.931	2.734

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		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	37049.863	17.521	0.010	0.047	2599.72	573.449	573.178	0.271
1992	164548	35863.851	35792.465	71.386	0.043	0.199	2502.33	545.392	544.306	1.086
1993	164362	35459.800	35297.878	161.922	0.099	0.457	2455.45	529.744	527.325	2.419
1994	159866	34293.631	34076.317	217.314	0.136	0.634	2344.16	502.857	499.671	3.187
1995	158083	33531.695	33240.552	291.143	0.184	0.868	2273.86	482.318	478.131	4.188
1996	154875	32438.163	32077.886	360.277	0.233	1.111	2193.60	459.443	454.340	5.103
1997	149970	31179.663	30774.972	404.691	0.270	1.298	2090.14	434.552	428.912	5.640
1998	145407	29860.736	29427.290	433.447	0.298	1.452	1993.81	409.447	403.504	5.943
1999	165952	34413.904	33817.713	596.192	0.359	1.732	2240.15	464.545	456.498	8.048
2000	160260	33265.290	32693.697	571.594	0.357	1.718	2131.87	442.513	434.909	7.604
2001	154444	32074.102	31507.011	567.091	0.367	1.768	2027.95	421.154	413.708	7.446
2002	151887	31817.956	31246.958	570.999	0.376	1.795	1971.76	413.052	405.640	7.413
2003	146733	31025.931	30371.619	654.312	0.446	2.109	1884.46	398.460	390.057	8.403
2004	138381	29503.602	28886.741	616.861	0.446	2.091	1757.38	374.682	366.848	7.834
2005	135881	29077.894	28458.075	619.819	0.456	2.132	1704.85	364.830	357.053	7.777
2006	131922	28385.448	27759.410	626.038	0.475	2.205	1639.21	352.707	344.928	7.779
2007	126502	27327.625	26668.112	659.513	0.521	2.413	1554.75	335.866	327.760	8.106
2008	125859	27025.472	26280.870	744.602	0.592	2.755	1528.44	328.199	319.157	9.043
2009	122428	26361.626	25565.639	795.987	0.650	3.019	1468.33	316.165	306.619	9.547

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	629375.966	8980.707	0.300	1.407	2024.64	431.261	425.194	6.067

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 31 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	4486.163	1.819	0.006	0.041	504.630	69.431	69.403	0.028
1992	32100	4371.196	4359.995	11.201	0.035	0.256	488.154	66.474	66.304	0.170
1993	32896	4414.136	4386.399	27.737	0.084	0.628	491.442	65.944	65.530	0.414
1994	33323	4474.895	4434.205	40.690	0.122	0.909	488.625	65.617	65.020	0.597
1995	33569	4476.290	4418.343	57.947	0.173	1.295	482.855	64.387	63.553	0.834
1996	33870	4489.078	4413.299	75.779	0.224	1.688	479.723	63.582	62.508	1.073
1997	33516	4444.866	4350.163	94.703	0.283	2.131	467.113	61.948	60.628	1.320
1998	32795	4313.427	4226.044	87.383	0.266	2.026	449.682	59.145	57.947	1.198
1999	33375	4232.739	4126.856	105.883	0.317	2.502	450.521	57.137	55.707	1.429
2000	33459	4307.577	4210.276	97.301	0.291	2.259	445.090	57.302	56.007	1.294
2001	32275	4136.308	4049.200	87.108	0.270	2.106	423.792	54.312	53.169	1.144
2002	31586	4079.175	4000.623	78.552	0.249	1.926	410.041	52.955	51.935	1.020
2003	30985	4096.221	3994.037	102.184	0.330	2.495	397.934	52.607	51.295	1.312
2004	29884	4034.217	3944.068	90.149	0.302	2.235	379.513	51.233	50.088	1.145
2005	28708	3944.303	3857.580	86.723	0.302	2.199	360.189	49.488	48.400	1.088
2006	28188	3970.169	3878.139	92.031	0.326	2.318	350.253	49.332	48.188	1.144
2007	28026	3957.558	3851.862	105.695	0.377	2.671	344.449	48.640	47.341	1.299
2008	27128	3812.302	3711.383	100.918	0.372	2.647	329.444	46.297	45.071	1.226
2009	27068	3827.467	3707.782	119.685	0.442	3.127	324.637	45.904	44.469	1.435

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	82994.014	1463.490	0.233	1.733	424.421	57.058	56.069	0.989

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Main Results for E-Component Summarized over Simulations for Run: 31

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19503.683	4.747	0.014	0.024	527.418	301.804	301.731	0.073
1992	33942	19373.324	19359.603	13.721	0.040	0.071	516.166	294.616	294.407	0.209
1993	35913	20512.169	20487.106	25.063	0.070	0.122	536.514	306.437	306.062	0.374
1994	35074	19906.392	19870.187	36.206	0.103	0.182	514.300	291.893	291.362	0.531
1995	34669	19512.784	19458.574	54.210	0.156	0.278	498.677	280.671	279.891	0.780
1996	34582	19294.631	19220.115	74.516	0.215	0.386	489.808	273.283	272.227	1.055
1997	35267	19490.717	19420.457	70.260	0.199	0.360	491.517	271.643	270.663	0.979
1998	35675	19571.902	19445.757	126.145	0.354	0.645	489.172	268.368	266.638	1.730
1999	38516	21022.469	20829.545	192.923	0.501	0.918	519.919	283.777	281.173	2.604
2000	36283	19687.992	19460.288	227.704	0.628	1.157	482.656	261.900	258.871	3.029
2001	36281	19625.032	19379.998	245.033	0.675	1.249	476.394	257.690	254.472	3.217
2002	35983	19408.801	19133.458	275.342	0.765	1.419	467.122	251.960	248.385	3.574
2003	36205	19481.360	19230.741	250.619	0.692	1.286	464.974	250.195	246.977	3.219
2004	34611	18541.224	18304.141	237.083	0.685	1.279	439.544	235.465	232.454	3.011
2005	36826	19692.114	19451.994	240.120	0.652	1.219	462.043	247.070	244.057	3.013
2006	34350	18220.663	18029.274	191.389	0.557	1.050	426.820	226.403	224.025	2.378
2007	35326	18620.282	18449.934	170.347	0.482	0.915	434.168	228.849	226.756	2.094
2008	38248	20183.701	19924.435	259.266	0.678	1.285	464.487	245.112	241.964	3.149
2009	36902	19371.930	19118.641	253.289	0.686	1.308	442.580	232.335	229.297	3.038

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	387492.990	2947.984	0.414	0.755	481.512	263.774	261.783	1.992

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

System Date and Time: 20160419_115738
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.4
9. The effective dose for Dual use (G)	FROMF
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	RUN16
26. Source for Output Choice file (OUTC)	BASIC
27. Output for DTP P1	N
28. Output for DTP P2	N
29. Output for Main P Component	Y
30. Output for DTP E1	N
31. Output for DTP E2	N
32. Output for DTP E3	N
33. Output for Main E Component	Y
34. Output file name	APPENDIX_18_Vary_parameter_combinations_2nd_set
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 32, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 32, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	RUN16

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-3	0.001840	0.000080	0.000080	0.000075	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-3	0.002940	0.000080	0.000080	0.000100	0.000030	0.000500	0.000144	0.000048	0.000048
20-24	1-3	0.001520	0.000280	0.000280	0.000150	0.000040	0.001500	0.000432	0.000144	0.000144
25-29	1-3	0.000680	0.000240	0.000240	0.000225	0.000060	0.002000	0.000576	0.000192	0.000192
30-34	1-3	0.000300	0.000160	0.000160	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000100	0.000100	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000576	0.000192	0.000192
60-64	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000720	0.000240	0.000240
70-74	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000864	0.000288	0.000288
75-79	1-3	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.001008	0.000336	0.000336
10-14	4+	0.001680	0.000000	0.000000	0.000075	0.000090	0.004000	0.001152	0.000384	0.000384
15-19	4+	0.002380	0.000160	0.000160	0.000100	0.000030	0.000500	0.000096	0.000096	0.000048
20-24	4+	0.001040	0.000560	0.000560	0.000150	0.000040	0.001500	0.000288	0.000288	0.000144
25-29	4+	0.000360	0.000480	0.000480	0.000225	0.000060	0.002000	0.000384	0.000384	0.000192
30-34	4+	0.000100	0.000320	0.000320	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000200	0.000200	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002000	0.000384	0.000384	0.000192
60-64	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.002500	0.000480	0.000480	0.000240
70-74	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003000	0.000576	0.000576	0.000288
75-79	4+	0.000000	0.000000	0.000000	0.000225	0.000090	0.003500	0.000672	0.000672	0.000336

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	1-3	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	1-3	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	1-3	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	1-3	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	1-3	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	1-3	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000
10-14	4+	0.000800	0.000400	0.000250	0.000800	0.000200	0.000250
15-19	4+	0.000800	0.000400	0.000750	0.000800	0.000200	0.000750
20-24	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
25-29	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
30-34	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
35-39	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
40-44	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
45-49	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
50-54	4+	0.000800	0.000400	0.001000	0.000800	0.000200	0.001000
55-59	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
60-64	4+	0.000800	0.000400	0.001250	0.000800	0.000200	0.001250
65-69	4+	0.000800	0.000400	0.001500	0.000800	0.000200	0.001500
70-74	4+	0.000800	0.000400	0.001750	0.000800	0.000200	0.001750
75-79	4+	0.000800	0.000400	0.002000	0.000800	0.000200	0.002000

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 32, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 32, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4882.00	53.77					
5	All Ages	Current CC	2027.00	22.32	114.00	5.14			
5	All Ages	Current MRTP	113.00	1.24					
5	All Ages	Current Dual	77.00	0.85					
5	All Ages	Former	1981.00	21.82			14.87	111.00	5.60

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	263.00	88.26					
5	18-19	Current CC	29.00	9.73	0.00	0.00			
5	18-19	Current MRTP	3.00	1.01					
5	18-19	Current Dual	1.00	0.34					
5	18-19	Former	2.00	0.67			1.00	2.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	575.00	68.13					
5	20-24	Current CC	220.00	26.07	3.00	1.22			
5	20-24	Current MRTP	15.00	1.78					
5	20-24	Current Dual	11.00	1.30					
5	20-24	Former	23.00	2.73			3.09	8.00	34.78
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	457.00	54.99					
5	25-29	Current CC	205.00	24.67	10.00	4.18			
5	25-29	Current MRTP	19.00	2.29					
5	25-29	Current Dual	15.00	1.81					
5	25-29	Former	135.00	16.25			5.44	13.00	9.63
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	516.00	51.65					
5	30-34	Current CC	281.00	28.13	13.00	4.32			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	10.00	1.00					
5	30-34	Former	182.00	18.22			7.75	14.00	7.69
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	550.00	49.02					
5	35-39	Current CC	301.00	26.83	10.00	3.01			
5	35-39	Current MRTP	21.00	1.87					
5	35-39	Current Dual	10.00	0.89					
5	35-39	Former	240.00	21.39			8.48	14.00	5.83
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	489.00	50.41					
5	40-44	Current CC	214.00	22.06	9.00	3.91			
5	40-44	Current MRTP	9.00	0.93					
5	40-44	Current Dual	7.00	0.72					
5	40-44	Former	251.00	25.88			11.60	14.00	5.58
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	175.00	21.58	9.00	4.81			
5	45-49	Current MRTP	6.00	0.74					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	202.00	24.91			11.30	14.00	6.93
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	147.00	23.67	9.00	5.84			
5	50-54	Current MRTP	6.00	0.97					
5	50-54	Current Dual	1.00	0.16					
5	50-54	Former	166.00	26.73			15.35	11.00	6.63
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	124.00	23.18	7.00	5.43			
5	55-59	Current MRTP	3.00	0.56					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.16	6.00	3.90
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	101.00	20.70	7.00	6.48			
5	60-64	Current MRTP	5.00	1.02					
5	60-64	Current Dual	2.00	0.41					
5	60-64	Former	130.00	26.64			21.50	3.00	2.31
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	105.00	19.59	13.00	11.40			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	4.00	0.75					
5	65-69	Former	162.00	30.22			21.57	7.00	4.32
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	76.00	14.10	12.00	14.12			
5	70-74	Current MRTP	5.00	0.93					
5	70-74	Current Dual	4.00	0.74					
5	70-74	Former	174.00	32.28			24.99	3.00	1.72

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	49.00	10.08	12.00	20.34			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	160.00	32.92			28.01	2.00	1.25

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4869.00	53.45					
10	All Ages	Current CC	1900.00	20.86	197.00	8.64			
10	All Ages	Current MRTP	217.00	2.38					
10	All Ages	Current Dual	163.00	1.79					
10	All Ages	Former	1960.00	21.52			16.62	96.00	4.90

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	632.00	77.74					
10	20-24	Current CC	143.00	17.59	0.00	0.00			
10	20-24	Current MRTP	16.00	1.97					
10	20-24	Current Dual	13.00	1.60					
10	20-24	Former	9.00	1.11			3.67	2.00	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	527.00	62.44					
10	25-29	Current CC	209.00	24.76	5.00	1.83			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	31.00	3.67					
10	25-29	Former	44.00	5.21			4.98	10.00	22.73

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	423.00	50.90					
10	30-34	Current CC	187.00	22.50	16.00	6.37			
10	30-34	Current MRTP	31.00	3.73					
10	30-34	Current Dual	33.00	3.97					
10	30-34	Former	157.00	18.89			8.86	13.00	8.28

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	493.00	49.35					
10	35-39	Current CC	258.00	25.83	27.00	8.65			
10	35-39	Current MRTP	29.00	2.90					
10	35-39	Current Dual	25.00	2.50					
10	35-39	Former	194.00	19.42			11.24	7.00	3.61

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	540.00	48.13					
10	40-44	Current CC	265.00	23.62	22.00	6.98			
10	40-44	Current MRTP	32.00	2.85					
10	40-44	Current Dual	18.00	1.60					
10	40-44	Former	267.00	23.80			11.70	14.00	5.24

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	489.00	50.41					
10	45-49	Current CC	190.00	19.59	22.00	10.14			
10	45-49	Current MRTP	15.00	1.55					
10	45-49	Current Dual	12.00	1.24					
10	45-49	Former	264.00	27.22			15.30	10.00	3.79

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	159.00	19.61	19.00	10.73			
10	50-54	Current MRTP	13.00	1.60					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	212.00	26.14			14.73	11.00	5.19
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	129.00	20.77	16.00	11.03			
10	55-59	Current MRTP	11.00	1.77					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	175.00	28.18			18.49	6.00	3.43
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	114.00	21.31	11.00	8.87			
10	60-64	Current MRTP	6.00	1.12					
10	60-64	Current Dual	4.00	0.75					
10	60-64	Former	159.00	29.72			18.99	3.00	1.89
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	93.00	19.06	13.00	12.75			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	3.00	0.61					
10	65-69	Former	136.00	27.87			24.26	2.00	1.47
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	87.00	16.23	17.00	16.35			
10	70-74	Current MRTP	11.00	2.05					
10	70-74	Current Dual	6.00	1.12					
10	70-74	Former	172.00	32.09			24.11	10.00	5.81
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	66.00	12.24	29.00	32.95			
10	75-79	Current MRTP	14.00	2.60					
10	75-79	Current Dual	8.00	1.48					
10	75-79	Former	171.00	31.73			27.90	8.00	4.68
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4463.00	52.08					
15	All Ages	Current CC	1651.00	19.26	250.00	11.70			
15	All Ages	Current MRTP	284.00	3.31					
15	All Ages	Current Dual	201.00	2.35					
15	All Ages	Former	1971.00	23.00			17.87	113.00	5.73
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	569.00	69.99					
15	25-29	Current CC	151.00	18.57	1.00	0.45			
15	25-29	Current MRTP	41.00	5.04					
15	25-29	Current Dual	29.00	3.57					
15	25-29	Former	23.00	2.83			4.00	10.00	43.48
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	482.00	57.11					

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

15	30-34	Current CC	199.00	23.58	8.00	2.74			
15	30-34	Current MRTP	49.00	5.81					
15	30-34	Current Dual	44.00	5.21					
15	30-34	Former	70.00	8.29			6.53	13.00	18.57
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	409.00	49.22					
15	35-39	Current CC	166.00	19.98	26.00	10.97			
15	35-39	Current MRTP	37.00	4.45					
15	35-39	Current Dual	34.00	4.09					
15	35-39	Former	185.00	22.26			11.59	9.00	4.86
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	48.95					
15	40-44	Current CC	228.00	22.82	36.00	12.20			
15	40-44	Current MRTP	36.00	3.60					
15	40-44	Current Dual	31.00	3.10					
15	40-44	Former	215.00	21.52			14.18	10.00	4.65
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	540.00	48.13					
15	45-49	Current CC	232.00	20.68	31.00	10.54			
15	45-49	Current MRTP	40.00	3.57					
15	45-49	Current Dual	22.00	1.96					
15	45-49	Former	288.00	25.67			15.04	11.00	3.82
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	489.00	50.41					
15	50-54	Current CC	167.00	17.22	32.00	16.00			
15	50-54	Current MRTP	19.00	1.96					
15	50-54	Current Dual	14.00	1.44					
15	50-54	Former	281.00	28.97			18.25	14.00	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	143.00	17.63	25.00	15.34			
15	55-59	Current MRTP	14.00	1.73					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	226.00	27.87			17.75	12.00	5.31
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	109.00	17.55	19.00	14.84			
15	60-64	Current MRTP	14.00	2.25					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	192.00	30.92			20.70	10.00	5.21
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	103.00	19.25	23.00	20.00			
15	65-69	Current MRTP	9.00	1.68					
15	65-69	Current Dual	3.00	0.56					
15	65-69	Former	168.00	31.40			21.69	7.00	4.17
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	78.00	15.98	19.00	20.65			
15	70-74	Current MRTP	10.00	2.05					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	146.00	29.92			25.64	5.00	3.42
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	30.00	30.30			
15	75-79	Current MRTP	15.00	2.80					
15	75-79	Current Dual	9.00	1.68					
15	75-79	Former	177.00	33.02			26.25	12.00	6.78
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4144.00	51.58					
20	All Ages	Current CC	1412.00	17.58	278.00	14.30			

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	All Ages	Current MRTP	316.00	3.93					
20	All Ages	Current Dual	216.00	2.69					
20	All Ages	Former	1946.00	24.22			19.49	93.00	4.78

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	536.00	65.93					
20	30-34	Current CC	148.00	18.20	3.00	1.27			
20	30-34	Current MRTP	53.00	6.52					
20	30-34	Current Dual	35.00	4.31					
20	30-34	Former	41.00	5.04			5.93	7.00	17.07

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	466.00	55.21					
20	35-39	Current CC	173.00	20.50	11.00	3.97			
20	35-39	Current MRTP	57.00	6.75					
20	35-39	Current Dual	47.00	5.57					
20	35-39	Former	101.00	11.97			8.04	17.00	16.83

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	399.00	48.01					
20	40-44	Current CC	147.00	17.69	31.00	13.78			
20	40-44	Current MRTP	40.00	4.81					
20	40-44	Current Dual	38.00	4.57					
20	40-44	Former	207.00	24.91			14.63	5.00	2.42

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	48.95					
20	45-49	Current CC	212.00	21.22	41.00	14.64			
20	45-49	Current MRTP	38.00	3.80					
20	45-49	Current Dual	30.00	3.00					
20	45-49	Former	230.00	23.02			17.29	6.00	2.61

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	540.00	48.13					
20	50-54	Current CC	204.00	18.18	39.00	14.39			
20	50-54	Current MRTP	43.00	3.83					
20	50-54	Current Dual	24.00	2.14					
20	50-54	Former	311.00	27.72			17.80	15.00	4.82

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	489.00	50.41					
20	55-59	Current CC	150.00	15.46	38.00	20.43			
20	55-59	Current MRTP	21.00	2.16					
20	55-59	Current Dual	15.00	1.55					
20	55-59	Former	295.00	30.41			21.20	9.00	3.05

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	122.00	15.04	35.00	22.44			
20	60-64	Current MRTP	25.00	3.08					

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

20	60-64	Current Dual	9.00	1.11					
20	60-64	Former	233.00	28.73			21.02	10.00	4.29

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	99.00	15.94	26.00	21.31			
20	65-69	Current MRTP	16.00	2.58					
20	65-69	Current Dual	7.00	1.13					
20	65-69	Former	198.00	31.88			23.86	5.00	2.53

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	89.00	16.64	27.00	25.47			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	5.00	0.93					
20	70-74	Former	177.00	33.08			24.67	8.00	4.52

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	68.00	13.93	27.00	31.76			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	153.00	31.35			26.69	11.00	7.19

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.489	8.372	0.004	0.014	2826.86	839.248	839.129	0.119
1992	198532	60226.142	60221.816	4.326	0.002	0.007	2778.64	842.922	842.862	0.061
1993	202512	62332.320	62321.110	11.210	0.006	0.018	2793.47	859.818	859.663	0.155
1994	200658	62691.239	62690.462	0.777	0.000	0.001	2725.82	851.622	851.612	0.011
1995	201023	63132.954	63126.858	6.097	0.003	0.010	2687.54	844.043	843.962	0.082
1996	201180	64309.880	64423.909	-114.029	-0.057	-0.177	2653.67	848.280	849.784	-1.504
1997	198639	64547.894	64683.868	-135.975	-0.068	-0.211	2583.39	839.475	841.243	-1.768
1998	197573	65384.866	65502.467	-117.601	-0.060	-0.180	2533.29	838.367	839.875	-1.508
1999	211329	67554.762	67618.631	-63.869	-0.030	-0.095	2673.14	854.513	855.321	-0.808
2000	208496	68184.366	68233.066	-48.700	-0.023	-0.071	2604.20	851.652	852.260	-0.608
2001	203606	68286.060	68225.746	60.314	0.030	0.088	2514.65	843.372	842.627	0.745
2002	200828	68983.996	68989.092	-5.096	-0.003	-0.007	2455.47	843.450	843.512	-0.062
2003	196352	68717.830	68589.957	127.873	0.065	0.186	2377.49	832.057	830.509	1.548
2004	188160	67344.952	67002.217	342.734	0.182	0.509	2254.66	806.974	802.867	4.107
2005	186416	67846.650	67407.162	439.488	0.236	0.648	2208.07	803.634	798.428	5.206
2006	180088	66622.465	65807.609	814.856	0.452	1.223	2113.55	781.893	772.330	9.563
2007	175644	65977.201	64993.596	983.605	0.560	1.491	2039.92	766.256	754.833	11.424
2008	177570	67121.344	66063.306	1058.037	0.596	1.576	2039.03	770.751	758.602	12.149
2009	172806	66622.993	65310.891	1312.102	0.759	1.969	1961.22	756.123	741.231	14.891

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1297631.844	4684.521	0.120	0.360	2465.77	823.300	820.339	2.961

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31526.241	3.778	0.009	0.012	620.154	447.530	447.476	0.054
1992	45423	32811.446	32810.411	1.036	0.002	0.003	635.738	459.227	459.213	0.014
1993	46291	33467.735	33465.902	1.833	0.004	0.005	638.542	461.657	461.632	0.025
1994	47017	33989.389	33993.820	-4.432	-0.009	-0.013	638.697	461.725	461.785	-0.060
1995	47840	34566.580	34571.074	-4.494	-0.009	-0.013	639.587	462.131	462.191	-0.060
1996	48244	34997.958	35044.302	-46.344	-0.096	-0.132	636.363	461.641	462.252	-0.611
1997	49035	35549.658	35601.556	-51.898	-0.106	-0.146	637.723	462.340	463.015	-0.675
1998	49686	36138.033	36193.151	-55.118	-0.111	-0.153	637.076	463.363	464.070	-0.707
1999	48883	35506.142	35552.252	-46.111	-0.094	-0.130	618.331	449.124	449.707	-0.583
2000	50331	36573.306	36612.228	-38.921	-0.077	-0.106	628.656	456.816	457.302	-0.486
2001	50389	36733.445	36747.898	-14.453	-0.029	-0.039	622.333	453.679	453.858	-0.178
2002	51445	37627.700	37652.381	-24.681	-0.048	-0.066	629.005	460.065	460.366	-0.302
2003	51408	37552.784	37529.833	22.951	0.045	0.061	622.464	454.701	454.423	0.278
2004	51399	37527.823	37443.388	84.435	0.164	0.225	615.898	449.684	448.672	1.012
2005	51421	37486.186	37382.499	103.687	0.202	0.277	609.074	444.018	442.790	1.228
2006	51355	37409.496	37168.199	241.297	0.470	0.645	602.712	439.045	436.213	2.832
2007	51839	37602.867	37310.070	292.798	0.565	0.779	602.056	436.718	433.318	3.401
2008	50976	36986.957	36687.868	299.088	0.587	0.809	585.355	424.719	421.285	3.434
2009	51193	37201.944	36804.125	397.820	0.777	1.069	581.003	422.215	417.700	4.515

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	710742.569	1162.270	0.119	0.163	619.890	450.053	449.318	0.735

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		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	12663.061	-0.081	-0.000	-0.001	1368.32	179.735	179.737	-0.001
1992	93721	12337.995	12336.212	1.783	0.002	0.014	1311.71	172.682	172.657	0.025
1993	93679	12401.934	12394.487	7.447	0.008	0.060	1292.22	171.073	170.971	0.103
1994	90832	12128.576	12118.503	10.073	0.011	0.083	1233.90	164.759	164.622	0.137
1995	89698	11958.696	11945.402	13.294	0.015	0.111	1199.20	159.879	159.702	0.178
1996	88286	12020.749	12033.760	-13.011	-0.015	-0.108	1164.54	158.560	158.731	-0.172
1997	84777	11593.724	11608.036	-14.312	-0.017	-0.123	1102.56	150.782	150.968	-0.186
1998	82517	11337.035	11330.086	6.949	0.008	0.061	1058.04	145.364	145.275	0.089
1999	93939	13027.458	12980.108	47.350	0.050	0.363	1188.25	164.787	164.188	0.599
2000	90039	12607.547	12569.888	37.659	0.042	0.299	1124.63	157.474	157.003	0.470
2001	86119	12350.451	12255.405	95.046	0.110	0.770	1063.62	152.535	151.361	1.174
2002	83014	12112.097	12033.624	78.472	0.095	0.648	1014.99	148.092	147.132	0.959
2003	79302	11683.252	11575.065	108.187	0.136	0.926	960.214	141.465	140.155	1.310
2004	73861	11139.095	10948.192	190.903	0.258	1.714	885.053	133.476	131.189	2.288
2005	71649	10884.683	10657.832	226.851	0.317	2.084	848.672	128.927	126.240	2.687
2006	67551	10397.565	10079.245	318.320	0.471	3.061	792.791	122.028	118.292	3.736
2007	63503	9785.831	9395.261	390.570	0.615	3.991	737.521	113.652	109.116	4.536
2008	63171	9922.524	9499.538	422.986	0.670	4.263	725.389	113.940	109.083	4.857
2009	59747	9483.598	9007.117	476.481	0.797	5.024	678.085	107.632	102.224	5.408

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	230077.583	2404.966	0.146	1.034	1043.56	146.971	145.451	1.520

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 32 (APPENDIX_18_Vary_parameter_combinations_2nd_set.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	3115.113	0.902	0.003	0.029	461.369	44.228	44.215	0.013
1992	32560	3095.448	3094.860	0.588	0.002	0.019	455.708	43.324	43.316	0.008
1993	32768	3114.516	3113.759	0.757	0.002	0.024	452.005	42.962	42.951	0.010
1994	33005	3168.398	3167.013	1.386	0.004	0.044	448.353	43.041	43.022	0.019
1995	33730	3200.274	3197.769	2.505	0.007	0.078	450.946	42.785	42.752	0.033
1996	33750	3234.738	3237.578	-2.840	-0.008	-0.088	445.180	42.668	42.705	-0.037
1997	33699	3240.665	3253.870	-13.205	-0.039	-0.407	438.271	42.146	42.318	-0.172
1998	33274	3171.578	3175.803	-4.225	-0.013	-0.133	426.640	40.666	40.720	-0.054
1999	33891	3153.786	3145.926	7.860	0.023	0.249	428.694	39.893	39.793	0.099
2000	33827	3237.043	3223.482	13.562	0.040	0.419	422.514	40.432	40.263	0.169
2001	32506	3110.972	3075.395	35.576	0.109	1.144	401.468	38.422	37.983	0.439
2002	32078	3123.298	3092.231	31.067	0.097	0.995	392.210	38.188	37.808	0.380
2003	30568	3025.984	2988.841	37.143	0.122	1.227	370.127	36.640	36.190	0.450
2004	29388	2983.453	2916.760	66.694	0.227	2.235	352.147	35.750	34.951	0.799
2005	27954	2926.679	2843.205	83.474	0.299	2.852	331.111	34.666	33.677	0.989
2006	27201	2889.308	2777.918	111.390	0.410	3.855	319.236	33.909	32.602	1.307
2007	26302	2810.025	2673.148	136.878	0.520	4.871	305.470	32.636	31.046	1.590
2008	25998	2773.025	2629.380	143.645	0.553	5.180	298.534	31.843	30.193	1.649
2009	25040	2723.293	2558.366	164.927	0.659	6.056	284.186	30.907	29.036	1.872

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	60473.659	818.084	0.131	1.335	394.195	38.747	38.230	0.517

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Main Results for E-Component Summarized over Simulations for Run: 32

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11815.074	3.773	0.014	0.032	377.015	167.754	167.701	0.054
1992	26828	11981.252	11980.333	0.919	0.003	0.008	375.483	167.689	167.676	0.013
1993	29774	13348.134	13346.961	1.173	0.004	0.009	410.705	184.125	184.109	0.016
1994	29804	13404.876	13411.126	-6.250	-0.021	-0.047	404.869	182.097	182.182	-0.085
1995	29755	13407.404	13412.612	-5.208	-0.018	-0.039	397.803	179.248	179.317	-0.070
1996	30900	14056.435	14108.269	-51.834	-0.168	-0.369	407.587	185.412	186.095	-0.684
1997	31128	14163.848	14220.407	-56.559	-0.182	-0.399	404.834	184.207	184.943	-0.736
1998	32096	14738.220	14803.427	-65.207	-0.203	-0.442	411.536	188.974	189.810	-0.836
1999	34616	15867.376	15940.345	-72.969	-0.211	-0.460	437.865	200.710	201.633	-0.923
2000	34299	15766.470	15827.469	-60.999	-0.178	-0.387	428.409	196.930	197.692	-0.762
2001	34592	16091.193	16147.049	-55.856	-0.161	-0.347	427.231	198.736	199.425	-0.690
2002	34291	16120.902	16210.856	-89.954	-0.262	-0.558	419.268	197.106	198.206	-1.100
2003	35074	16455.810	16496.218	-40.408	-0.115	-0.246	424.687	199.252	199.741	-0.489
2004	33512	15694.580	15693.877	0.703	0.002	0.004	401.564	188.063	188.055	0.008
2005	35392	16549.102	16523.626	25.476	0.072	0.154	419.213	196.022	195.720	0.302
2006	33981	15926.096	15782.248	143.849	0.423	0.903	398.807	186.912	185.223	1.688
2007	34000	15778.477	15615.118	163.360	0.480	1.035	394.875	183.251	181.353	1.897
2008	37425	17438.838	17246.520	192.318	0.514	1.103	429.749	200.249	198.041	2.208
2009	36826	17214.158	16941.284	272.874	0.741	1.585	417.948	195.368	192.271	3.097

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	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	296338.032	299.201	0.046	0.101	408.132	187.528	187.339	0.189