Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	1
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	EXTREME1
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_16_Extreme_situations
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 1, Scenario: STP_NULL

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

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

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.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		EXTREME1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
15-19	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
20-24	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
25-29	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
30-34	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
35-39	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
40-44	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
45-49	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
50-54	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
55-59	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
60-64	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
65-69	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
70-74	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
75-79	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
10-14	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
15-19	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
20-24	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
25-29	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
30-34	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
35-39	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
40-44	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
45-49	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
50-54	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
55-59	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
60-64	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
65-69	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
70-74	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
75-79	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
15-19	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
20-24	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
25-29	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
30-34	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
35-39	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
40-44	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
45-49	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
50-54	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
55-59	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
60-64	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
65-69	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
70-74	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
75-79	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
10-14	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
15-19	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
20-24	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
25-29	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
30-34	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
35-39	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
40-44	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
45-49	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
50-54	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
55-59	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
60-64	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
65-69	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
70-74	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
75-79	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.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

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.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	2707.00	29.50	173.00	6.39			
5	All Ages	Former	2591.00	28.23			15.40	164.00	6.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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	379.00	35.29	12.00	3.17			
5	30-34	Former	202.00	18.81			6.34	24.00	11.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	361.00	33.33	14.00	3.88			
5	35-39	Former	253.00	23.36			7.72	23.00	9.09

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

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	298.00	30.63	24.00	8.05			
5	40-44	Former	269.00	27.65			11.95	15.00	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	308.00	35.86					
5	45-49	Current	239.00	27.82	13.00	5.44			
5	45-49	Former	312.00	36.32			13.43	16.00	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	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	132.00	25.63	20.00	15.15			
5	60-64	Former	242.00	46.99			18.49	11.00	4.55

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

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

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.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	89.00	19.87	18.00	20.22			
5	70-74	Former	253.00	56.47			22.64	6.00	2.37

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

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	81.00	22.56	17.00	20.99			
5	75-79	Former	210.00	58.50			24.18	7.00	3.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2702.00	28.82	292.00	10.81			
10	All Ages	Former	2584.00	27.56			17.03	157.00	6.08

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	311.00	32.46	14.00	4.50			
10	30-34	Former	144.00	15.03			8.08	13.00	9.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	346.00	32.22	20.00	5.78			
10	35-39	Former	239.00	22.25			9.45	19.00	7.95

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

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	332.00	30.66	24.00	7.23			
10	40-44	Former	282.00	26.04			11.17	14.00	4.96

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

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	278.00	28.57	39.00	14.03			
10	45-49	Former	289.00	29.70			14.80	19.00	6.57

Year of Follow-up: 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	229.00	26.66	33.00	14.41			
10	50-54	Former	322.00	37.49			16.74	17.00	5.28

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

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_16_Extreme_situations.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	125.00	24.27	32.00	25.60			
10	65-69	Former	249.00	48.35			21.39	10.00	4.02

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

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	130.00	26.00	39.00	30.00			
10	70-74	Former	250.00	50.00			24.72	16.00	6.40

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	103.00	22.99	42.00	40.78			
10	75-79	Former	239.00	53.35			26.21	10.00	4.18

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

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	2560.00	28.68	378.00	14.77			
15	All Ages	Former	2491.00	27.90			18.51	134.00	5.38

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	290.00	31.69	7.00	2.41			
15	30-34	Former	89.00	9.73			7.60	7.00	7.87

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

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	284.00	29.65	21.00	7.39			
15	35-39	Former	177.00	18.48			10.51	18.00	10.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	320.00	29.80	26.00	8.13			
15	40-44	Former	265.00	24.67			12.88	16.00	6.04

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	315.00	29.09	37.00	11.75			
15	45-49	Former	299.00	27.61			14.64	13.00	4.35

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

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	259.00	26.62	50.00	19.31			
15	50-54	Former	308.00	31.65			17.65	15.00	4.87

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

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	235.00	27.36	53.00	22.55			
15	55-59	Former	316.00	36.79			20.35	11.00	3.48

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

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

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	180.00	28.57	33.00	18.33			
15	60-64	Former	258.00	40.95			23.39	14.00	5.43
Year of Follow-up: 2005, Age Group: 65-69									
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	127.00	24.24	36.00	28.35			
15	65-69	Former	242.00	46.18			21.98	8.00	3.31
Year of Follow-up: 2005, Age Group: 70-74									
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	130.00	25.24	49.00	37.69			
15	70-74	Former	244.00	47.38			24.34	4.00	1.64
Year of Follow-up: 2005, Age Group: 75-79									
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	139.00	27.80	62.00	44.60			
15	75-79	Former	241.00	48.20			26.66	10.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2357.00	27.97	456.00	19.35			
20	All Ages	Former	2362.00	28.03			19.98	107.00	4.53
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	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	275.00	30.05	11.00	4.00			
20	35-39	Former	116.00	12.68			9.91	10.00	8.62
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	269.00	28.08	28.00	10.41			
20	40-44	Former	192.00	20.04			14.21	8.00	4.17
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	489.00	45.53					
20	45-49	Current	304.00	28.31	38.00	12.50			
20	45-49	Former	281.00	26.16			16.28	7.00	2.49
Year of Follow-up: 2010, Age Group: 50-54									
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	301.00	27.79	51.00	16.94			
20	50-54	Former	313.00	28.90			17.98	14.00	4.47
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	248.00	25.49	70.00	28.23			
20	55-59	Former	319.00	32.79			20.26	15.00	4.70

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.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	232.00	27.01	78.00	33.62			
20	60-64	Former	319.00	37.14			22.77	10.00	3.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	173.00	27.46	51.00	29.48			
20	65-69	Former	265.00	42.06			25.10	13.00	4.91

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	155.00	29.58					
20	70-74	Current	132.00	25.19	56.00	42.42			
20	70-74	Former	237.00	45.23			24.48	12.00	5.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	132.00	25.63	68.00	51.52			
20	75-79	Former	242.00	46.99			26.66	7.00	2.89

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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_16_Extreme_situations.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	4145.00	45.17					
5	All Ages	Current CC	0.00	0.00	0.00	.			
5	All Ages	Current MRTP	0.00	0.00					
5	All Ages	Current Dual	0.00	0.00					
5	All Ages	Former	5032.00	54.83			10.48	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	339.00	100.00					
5	18-19	Current CC	0.00	0.00	0.00	.			
5	18-19	Current MRTP	0.00	0.00					
5	18-19	Current Dual	0.00	0.00					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.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	732.00	80.00					
5	20-24	Current CC	0.00	0.00	0.00	.			
5	20-24	Current MRTP	0.00	0.00					
5	20-24	Current Dual	0.00	0.00					
5	20-24	Former	183.00	20.00			4.07	0.00	0.00
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	584.00	60.96					
5	25-29	Current CC	0.00	0.00	0.00	.			
5	25-29	Current MRTP	0.00	0.00					
5	25-29	Current Dual	0.00	0.00					
5	25-29	Former	374.00	39.04			4.56	0.00	0.00
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	512.00	47.67					
5	30-34	Current CC	0.00	0.00	0.00	.			
5	30-34	Current MRTP	0.00	0.00					
5	30-34	Current Dual	0.00	0.00					
5	30-34	Former	562.00	52.33			5.12	0.00	0.00
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	482.00	44.51					
5	35-39	Current CC	0.00	0.00	0.00	.			
5	35-39	Current MRTP	0.00	0.00					
5	35-39	Current Dual	0.00	0.00					
5	35-39	Former	601.00	55.49			5.82	0.00	0.00
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	406.00	41.73					
5	40-44	Current CC	0.00	0.00	0.00	.			
5	40-44	Current MRTP	0.00	0.00					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	567.00	58.27			8.21	0.00	0.00
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	308.00	35.86					
5	45-49	Current CC	0.00	0.00	0.00	.			
5	45-49	Current MRTP	0.00	0.00					
5	45-49	Current Dual	0.00	0.00					
5	45-49	Former	551.00	64.14			9.73	0.00	0.00
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	0.00	0.00	0.00	.			
5	50-54	Current MRTP	0.00	0.00					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	438.00	69.52			11.75	0.00	0.00
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	0.00	0.00	0.00	.			
5	55-59	Current MRTP	0.00	0.00					
5	55-59	Current Dual	0.00	0.00					
5	55-59	Former	369.00	70.42			12.36	0.00	0.00
Year of Follow-up: 1995, Age Group: 60-64									
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	0.00	0.00	0.00	.			
5	60-64	Current MRTP	0.00	0.00					
5	60-64	Current Dual	0.00	0.00					
5	60-64	Former	374.00	72.62			14.29	0.00	0.00
Year of Follow-up: 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	0.00	0.00	0.00	.			
5	65-69	Current MRTP	0.00	0.00					
5	65-69	Current Dual	0.00	0.00					
5	65-69	Former	380.00	76.00			17.09	0.00	0.00
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_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	0.00	0.00	0.00	.			
5	70-74	Current MRTP	0.00	0.00					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	342.00	76.34			19.23	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	0.00	0.00	0.00	.			
5	75-79	Current MRTP	0.00	0.00					
5	75-79	Current Dual	0.00	0.00					
5	75-79	Former	291.00	81.06			19.73	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4634.00	49.43					
10	All Ages	Current CC	0.00	0.00	0.00	.			
10	All Ages	Current MRTP	0.00	0.00					
10	All Ages	Current Dual	0.00	0.00					
10	All Ages	Former	4741.00	50.57			14.91	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	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	896.00	100.00					
10	20-24	Current CC	0.00	0.00	0.00	.			
10	20-24	Current MRTP	0.00	0.00					
10	20-24	Current Dual	0.00	0.00					
10	20-24	Former	0.00	0.00			.	0.00	.

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	732.00	80.00					
10	25-29	Current CC	0.00	0.00	0.00	.			
10	25-29	Current MRTP	0.00	0.00					
10	25-29	Current Dual	0.00	0.00					
10	25-29	Former	183.00	20.00			9.07	0.00	0.00

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	584.00	60.96					
10	30-34	Current CC	0.00	0.00	0.00	.			
10	30-34	Current MRTP	0.00	0.00					
10	30-34	Current Dual	0.00	0.00					
10	30-34	Former	374.00	39.04			9.56	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	512.00	47.67					
10	35-39	Current CC	0.00	0.00	0.00	.			
10	35-39	Current MRTP	0.00	0.00					
10	35-39	Current Dual	0.00	0.00					
10	35-39	Former	562.00	52.33			10.12	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	482.00	44.51					
10	40-44	Current CC	0.00	0.00	0.00	.			
10	40-44	Current MRTP	0.00	0.00					
10	40-44	Current Dual	0.00	0.00					
10	40-44	Former	601.00	55.49			10.82	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	0.00	0.00	0.00	.			
10	45-49	Current MRTP	0.00	0.00					
10	45-49	Current Dual	0.00	0.00					
10	45-49	Former	567.00	58.27			13.21	0.00	0.00

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

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

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	0.00	0.00	0.00	.			
10	50-54	Current MRTP	0.00	0.00					
10	50-54	Current Dual	0.00	0.00					
10	50-54	Former	551.00	64.14			14.73	0.00	0.00
Year of Follow-up: 2000, Age Group: 55-59									
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	0.00	0.00	0.00	.			
10	55-59	Current MRTP	0.00	0.00					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	438.00	69.52			16.75	0.00	0.00
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	0.00	0.00	0.00	.			
10	60-64	Current MRTP	0.00	0.00					
10	60-64	Current Dual	0.00	0.00					
10	60-64	Former	369.00	70.42			17.36	0.00	0.00
Year of Follow-up: 2000, Age Group: 65-69									
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	0.00	0.00	0.00	.			
10	65-69	Current MRTP	0.00	0.00					
10	65-69	Current Dual	0.00	0.00					
10	65-69	Former	374.00	72.62			19.29	0.00	0.00
Year of Follow-up: 2000, Age Group: 70-74									
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	0.00	0.00	0.00	.			
10	70-74	Current MRTP	0.00	0.00					
10	70-74	Current Dual	0.00	0.00					
10	70-74	Former	380.00	76.00			22.09	0.00	0.00
Year of Follow-up: 2000, Age Group: 75-79									
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	0.00	0.00	0.00	.			
10	75-79	Current MRTP	0.00	0.00					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	342.00	76.34			24.23	0.00	0.00
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4528.00	50.72					
15	All Ages	Current CC	0.00	0.00	0.00	.			
15	All Ages	Current MRTP	0.00	0.00					
15	All Ages	Current Dual	0.00	0.00					
15	All Ages	Former	4399.00	49.28			19.18	0.00	0.00
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	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	896.00	100.00					
15	25-29	Current CC	0.00	0.00	0.00	.			
15	25-29	Current MRTP	0.00	0.00					
15	25-29	Current Dual	0.00	0.00					
15	25-29	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	732.00	80.00					

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	0.00	0.00	0.00	.			
15	30-34	Current MRTP	0.00	0.00					
15	30-34	Current Dual	0.00	0.00					
15	30-34	Former	183.00	20.00			14.07	0.00	0.00
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	584.00	60.96					
15	35-39	Current CC	0.00	0.00	0.00	.			
15	35-39	Current MRTP	0.00	0.00					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	374.00	39.04			14.56	0.00	0.00
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	512.00	47.67					
15	40-44	Current CC	0.00	0.00	0.00	.			
15	40-44	Current MRTP	0.00	0.00					
15	40-44	Current Dual	0.00	0.00					
15	40-44	Former	562.00	52.33			15.12	0.00	0.00
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	482.00	44.51					
15	45-49	Current CC	0.00	0.00	0.00	.			
15	45-49	Current MRTP	0.00	0.00					
15	45-49	Current Dual	0.00	0.00					
15	45-49	Former	601.00	55.49			15.82	0.00	0.00
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	0.00	0.00	0.00	.			
15	50-54	Current MRTP	0.00	0.00					
15	50-54	Current Dual	0.00	0.00					
15	50-54	Former	567.00	58.27			18.21	0.00	0.00
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	0.00	0.00	0.00	.			
15	55-59	Current MRTP	0.00	0.00					
15	55-59	Current Dual	0.00	0.00					
15	55-59	Former	551.00	64.14			19.73	0.00	0.00
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	0.00	0.00	0.00	.			
15	60-64	Current MRTP	0.00	0.00					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	438.00	69.52			21.75	0.00	0.00
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	0.00	0.00	0.00	.			
15	65-69	Current MRTP	0.00	0.00					
15	65-69	Current Dual	0.00	0.00					
15	65-69	Former	369.00	70.42			22.36	0.00	0.00
Year of Follow-up: 2005, Age Group: 70-74									
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	0.00	0.00	0.00	.			
15	70-74	Current MRTP	0.00	0.00					
15	70-74	Current Dual	0.00	0.00					
15	70-74	Former	374.00	72.62			24.29	0.00	0.00
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	0.00	0.00	0.00	.			
15	75-79	Current MRTP	0.00	0.00					
15	75-79	Current Dual	0.00	0.00					
15	75-79	Former	380.00	76.00			27.09	0.00	0.00
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4408.00	52.31					
20	All Ages	Current CC	0.00	0.00	0.00	.			

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	0.00	0.00					
20	All Ages	Current Dual	0.00	0.00					
20	All Ages	Former	4019.00	47.69			23.44	0.00	0.00

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	896.00	100.00					
20	30-34	Current CC	0.00	0.00	0.00	.			
20	30-34	Current MRTP	0.00	0.00					
20	30-34	Current Dual	0.00	0.00					
20	30-34	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	732.00	80.00					
20	35-39	Current CC	0.00	0.00	0.00	.			
20	35-39	Current MRTP	0.00	0.00					
20	35-39	Current Dual	0.00	0.00					
20	35-39	Former	183.00	20.00			19.07	0.00	0.00

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	584.00	60.96					
20	40-44	Current CC	0.00	0.00	0.00	.			
20	40-44	Current MRTP	0.00	0.00					
20	40-44	Current Dual	0.00	0.00					
20	40-44	Former	374.00	39.04			19.56	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	512.00	47.67					
20	45-49	Current CC	0.00	0.00	0.00	.			
20	45-49	Current MRTP	0.00	0.00					
20	45-49	Current Dual	0.00	0.00					
20	45-49	Former	562.00	52.33			20.12	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	482.00	44.51					
20	50-54	Current CC	0.00	0.00	0.00	.			
20	50-54	Current MRTP	0.00	0.00					
20	50-54	Current Dual	0.00	0.00					
20	50-54	Former	601.00	55.49			20.82	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	0.00	0.00	0.00	.			
20	55-59	Current MRTP	0.00	0.00					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	567.00	58.27			23.21	0.00	0.00

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	0.00	0.00	0.00	.			
20	60-64	Current MRTP	0.00	0.00					

Results for PHIM for Run 1 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	0.00	0.00					
20	60-64	Former	551.00	64.14			24.73	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	0.00	0.00	0.00	.			
20	65-69	Current MRTP	0.00	0.00					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	438.00	69.52			26.75	0.00	0.00

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

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	0.00	0.00	0.00	.			
20	70-74	Current MRTP	0.00	0.00					
20	70-74	Current Dual	0.00	0.00					
20	70-74	Former	369.00	70.42			27.36	0.00	0.00

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	0.00	0.00	0.00	.			
20	75-79	Current MRTP	0.00	0.00					
20	75-79	Current Dual	0.00	0.00					
20	75-79	Former	374.00	72.62			29.29	0.00	0.00

****

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	120376.962	3755.622	1.199	3.025	4845.61	1920.39	1862.29	58.101
1992	308577	122151.628	114600.118	7551.510	2.447	6.182	4692.62	1857.60	1742.76	114.838
1993	311713	123286.705	111829.640	11457.06	3.676	9.293	4656.77	1841.81	1670.65	171.160
1994	305700	120520.580	105581.094	14939.49	4.887	12.396	4482.57	1767.23	1548.17	219.062
1995	303225	118721.555	100346.142	18375.41	6.060	15.478	4361.58	1707.69	1443.37	264.311
1996	299559	116669.104	95037.145	21631.96	7.221	18.541	4242.85	1652.46	1346.07	306.388
1997	294226	114762.007	90368.006	24394.00	8.291	21.256	4100.64	1599.44	1259.46	339.980
1998	289258	113184.896	86171.316	27013.58	9.339	23.867	3966.28	1551.98	1181.57	370.407
1999	311002	117287.483	84164.441	33123.04	10.650	28.241	4198.14	1583.24	1136.12	447.120
2000	303786	115259.843	79912.264	35347.58	11.636	30.668	4041.13	1533.25	1063.04	470.213
2001	296294	113399.971	75835.427	37564.54	12.678	33.126	3890.54	1489.02	995.770	493.247
2002	291898	112157.227	71978.402	40178.82	13.765	35.824	3789.34	1455.99	934.404	521.591
2003	285865	110970.158	68571.105	42399.05	14.832	38.208	3671.31	1425.17	880.645	544.523
2004	274177	107850.497	64379.750	43470.75	15.855	40.306	3481.92	1369.65	817.594	552.059
2005	272379	108175.873	62361.498	45814.37	16.820	42.352	3417.44	1357.24	782.428	574.817
2006	264118	104906.156	57795.708	47110.45	17.837	44.907	3281.83	1303.52	718.147	585.376
2007	258419	103314.091	54883.824	48430.27	18.741	46.877	3176.05	1269.76	674.540	595.224
2008	259461	104187.099	53402.653	50784.45	19.573	48.744	3150.91	1265.26	648.526	616.730
2009	253907	102086.558	50107.744	51978.81	20.472	50.916	3045.20	1224.36	600.962	623.402

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

Age Group:All Year	Number Deaths	Null 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	2278853.977	1673533.202	605320.8	10.412	26.563	3927.78	1539.55	1130.61	408.943

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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_16_Extreme_situations.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	62589.354	479.432	0.611	0.760	1213.84	975.702	968.285	7.417
1992	77987	62537.493	61536.604	1000.889	1.283	1.600	1185.97	951.026	935.805	15.221
1993	78542	62886.972	61294.109	1592.862	2.028	2.533	1173.36	939.486	915.689	23.796
1994	77437	61813.982	59625.940	2188.042	2.826	3.540	1135.48	906.396	874.312	32.084
1995	76904	61156.879	58312.288	2844.591	3.699	4.651	1106.18	879.678	838.762	40.916
1996	76232	60397.726	56810.778	3586.947	4.705	5.939	1079.72	855.453	804.648	50.804
1997	75473	59569.721	55255.239	4314.482	5.717	7.243	1051.87	830.225	770.094	60.131
1998	75381	59325.025	54098.793	5226.232	6.933	8.809	1033.62	813.459	741.797	71.662
1999	73159	57443.426	51476.851	5966.576	8.156	10.387	987.557	775.416	694.874	80.541
2000	73784	57779.637	50836.643	6942.994	9.410	12.016	981.515	768.616	676.257	92.359
2001	73294	57289.807	49349.686	7940.121	10.833	13.860	962.399	752.253	647.994	104.259
2002	72442	56530.269	47614.034	8916.235	12.308	15.772	940.422	733.861	618.113	115.748
2003	71942	56041.725	46046.914	9994.810	13.893	17.835	923.937	719.733	591.371	128.361
2004	71301	55437.663	44389.080	11048.58	15.496	19.930	905.490	704.033	563.721	140.312
2005	70964	55079.492	42925.854	12153.64	17.126	22.066	890.360	691.063	538.576	152.487
2006	69658	53912.723	40772.970	13139.75	18.863	24.372	865.543	669.899	506.629	163.269
2007	68565	52935.705	38786.674	14149.03	20.636	26.729	842.687	650.597	476.701	173.896
2008	68226	52636.151	37229.244	15406.91	22.582	29.271	828.542	639.217	452.115	187.103
2009	67509	51995.334	35431.492	16563.84	24.536	31.856	809.661	623.600	424.944	198.657

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

Age Group:All Year	Number Deaths	Null 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	1161282.921	1017826.954	143456.0	9.719	12.353	997.213	784.540	687.624	96.916

****

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	34400.886	2666.498	1.587	7.194	2599.72	573.449	532.197	41.252
1992	164548	35866.781	30514.253	5352.528	3.253	14.923	2502.33	545.437	464.039	81.397
1993	164362	35467.924	27463.057	8004.867	4.870	22.569	2455.45	529.865	410.278	119.587
1994	159866	34313.900	24035.412	10278.49	6.429	29.954	2344.16	503.155	352.438	150.716
1995	158083	33560.546	21111.661	12448.89	7.875	37.094	2273.86	482.733	303.669	179.064
1996	154875	32471.976	18131.974	14340.00	9.259	44.161	2193.60	459.922	256.815	203.107
1997	149970	31233.206	15473.084	15760.12	10.509	50.460	2090.14	435.298	215.649	219.649
1998	145407	29937.242	13083.066	16854.18	11.591	56.298	1993.81	410.496	179.394	231.103
1999	165952	34533.692	13083.398	21450.29	12.926	62.114	2240.15	466.162	176.610	289.553
2000	160260	33411.616	11139.272	22272.34	13.898	66.660	2131.87	444.459	148.181	296.279
2001	154444	32257.205	9260.082	22997.12	14.890	71.293	2027.95	423.559	121.591	301.968
2002	151887	32032.046	7890.685	24141.36	15.894	75.366	1971.76	415.831	102.435	313.397
2003	146733	31244.228	6547.124	24697.10	16.831	79.045	1884.46	401.263	84.083	317.180
2004	138381	29729.236	5272.389	24456.85	17.674	82.265	1757.38	377.548	66.957	310.591
2005	135881	29331.893	4391.138	24940.75	18.355	85.029	1704.85	368.017	55.094	312.923
2006	131922	28662.546	3518.786	25143.76	19.060	87.723	1639.21	356.150	43.723	312.427
2007	126502	27639.878	2812.591	24827.29	19.626	89.824	1554.75	339.703	34.568	305.136
2008	125859	27367.714	2348.789	25018.93	19.879	91.418	1528.44	332.356	28.524	303.832
2009	122428	26704.886	1919.059	24785.83	20.245	92.814	1468.33	320.282	23.016	297.266

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

Age Group:All Year	Number Deaths	Null 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	641216.800	290779.606	350437.2	11.693	54.652	2024.64	433.193	196.445	236.748

****

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_16_Extreme_situations.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	4131.321	356.662	1.093	7.947	504.630	69.431	63.913	5.518
1992	32100	4371.697	3682.782	688.915	2.146	15.759	488.154	66.482	56.005	10.477
1993	32896	4415.220	3379.314	1035.907	3.149	23.462	491.442	65.960	50.484	15.476
1994	33323	4478.153	3105.963	1372.190	4.118	30.642	488.625	65.664	45.544	20.121
1995	33569	4481.254	2806.754	1674.500	4.988	37.367	482.855	64.458	40.372	24.086
1996	33870	4494.728	2515.769	1978.959	5.843	44.028	479.723	63.662	35.632	28.029
1997	33516	4454.615	2223.758	2230.857	6.656	50.080	467.113	62.084	30.993	31.092
1998	32795	4326.394	1919.226	2407.168	7.340	55.639	449.682	59.323	26.316	33.007
1999	33375	4250.651	1672.249	2578.402	7.726	60.659	450.521	57.379	22.573	34.805
2000	33459	4331.069	1518.124	2812.945	8.407	64.948	445.090	57.614	20.195	37.419
2001	32275	4167.444	1293.118	2874.326	8.906	68.971	423.792	54.721	16.980	37.742
2002	31586	4116.323	1129.863	2986.460	9.455	72.552	410.041	53.437	14.668	38.769
2003	30985	4133.756	993.138	3140.617	10.136	75.975	397.934	53.089	12.755	40.334
2004	29884	4072.740	860.806	3211.934	10.748	78.864	379.513	51.722	10.932	40.790
2005	28708	3984.967	737.539	3247.427	11.312	81.492	360.189	49.998	9.254	40.744
2006	28188	4014.319	648.420	3365.899	11.941	83.847	350.253	49.880	8.057	41.823
2007	28026	4009.680	561.729	3447.951	12.303	85.991	344.449	49.280	6.904	42.376
2008	27128	3871.379	469.737	3401.642	12.539	87.866	329.444	47.014	5.705	41.310
2009	27068	3886.707	408.891	3477.816	12.848	89.480	324.637	46.615	4.904	41.711

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84936.674	38646.099	46290.58	7.368	54.500	424.421	57.382	26.109	31.273

****

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	19255.401	253.030	0.742	1.297	527.418	301.804	297.890	3.914
1992	33942	19375.657	18866.480	509.177	1.500	2.628	516.166	294.651	286.908	7.743
1993	35913	20516.589	19693.160	823.429	2.293	4.013	536.514	306.503	294.202	12.301
1994	35074	19914.545	18813.778	1100.767	3.138	5.527	514.300	292.013	275.872	16.141
1995	34669	19522.876	18115.439	1407.437	4.060	7.209	498.677	280.816	260.572	20.245
1996	34582	19304.674	17578.623	1726.051	4.991	8.941	489.808	273.425	248.978	24.447
1997	35267	19504.466	17415.925	2088.541	5.922	10.708	491.517	271.834	242.726	29.108
1998	35675	19596.235	17070.231	2526.005	7.081	12.890	489.172	268.702	234.065	34.636
1999	38516	21059.714	17931.944	3127.770	8.121	14.852	519.919	284.280	242.059	42.221
2000	36283	19737.521	16418.225	3319.296	9.148	16.817	482.656	262.559	218.404	44.155
2001	36281	19685.515	15932.541	3752.974	10.344	19.065	476.394	258.484	209.205	49.279
2002	35983	19478.588	15343.820	4134.768	11.491	21.227	467.122	252.866	199.189	53.676
2003	36205	19550.450	14983.928	4566.521	12.613	23.358	464.974	251.083	192.436	58.647
2004	34611	18610.859	13857.475	4753.384	13.734	25.541	439.544	236.349	175.984	60.366
2005	36826	19779.522	14306.966	5472.555	14.861	27.668	462.043	248.167	179.504	68.662
2006	34350	18316.567	12855.532	5461.034	15.898	29.815	426.820	227.595	159.738	67.857
2007	35326	18728.828	12722.831	6005.998	17.002	32.068	434.168	230.183	156.368	73.816
2008	38248	20311.855	13354.883	6956.972	18.189	34.251	464.487	246.669	162.183	84.486
2009	36902	19499.632	12348.302	7151.329	19.379	36.674	442.580	233.867	148.098	85.769

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

Age Group:All		Null	MRTP			%Drop		Null	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	391417.581	326280.543	65137.04	9.139	16.641	481.512	264.434	220.429	44.005

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	1
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	EXTREME1
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_16_Extreme_situations
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: 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_16_Extreme_situations.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: 2, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		EXTREME1

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
15-19	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
20-24	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
25-29	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
30-34	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
35-39	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
40-44	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
45-49	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
50-54	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
55-59	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
60-64	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
65-69	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
70-74	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
75-79	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
10-14	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
15-19	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
20-24	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
25-29	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
30-34	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
35-39	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
40-44	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
45-49	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
50-54	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
55-59	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
60-64	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
65-69	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
70-74	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
75-79	4+	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
15-19	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
20-24	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
25-29	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
30-34	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
35-39	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
40-44	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
45-49	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
50-54	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
55-59	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
60-64	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
65-69	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
70-74	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
75-79	1-3	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
10-14	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
15-19	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
20-24	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
25-29	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
30-34	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
35-39	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
40-44	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
45-49	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
50-54	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
55-59	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
60-64	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
65-69	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
70-74	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000
75-79	4+	0.000000	0.000000	1.000000	0.000000	0.000000	1.000000

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.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_16_Extreme_situations.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	2237.00	24.64	128.00	5.72			
5	All Ages	Former	1982.00	21.83			14.78	113.00	5.70

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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	329.00	29.32	17.00	5.17			
5	35-39	Former	234.00	20.86			8.32	15.00	6.41

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

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	231.00	23.81	20.00	8.66			
5	40-44	Former	242.00	24.95			11.50	16.00	6.61

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

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	198.00	24.41	12.00	6.06			
5	45-49	Former	191.00	23.55			11.78	7.00	3.66

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

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_16_Extreme_situations.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	58.00	11.93	16.00	27.59			
5	75-79	Former	161.00	33.13			27.06	2.00	1.24

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2233.00	24.51	221.00	9.90			
10	All Ages	Former	2014.00	22.11			16.01	137.00	6.80

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	263.00	31.65	26.00	9.89			
10	30-34	Former	146.00	17.57			8.83	14.00	9.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	274.00	27.43	17.00	6.20			
10	35-39	Former	210.00	21.02			10.99	14.00	6.67

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

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	301.00	26.83	29.00	9.63			
10	40-44	Former	262.00	23.35			11.69	15.00	5.73

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

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	210.00	21.65	30.00	14.29			
10	45-49	Former	263.00	27.11			14.60	14.00	5.32

Year of Follow-up: 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	188.00	23.18	25.00	13.30			
10	50-54	Former	201.00	24.78			15.02	13.00	6.47

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

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	147.00	23.67	17.00	11.56			
10	55-59	Former	173.00	27.86			19.09	8.00	4.62

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

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_16_Extreme_situations.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	93.00	17.35	18.00	19.35			
10	70-74	Former	183.00	34.14			22.77	9.00	4.92

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

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	75.00	13.91	25.00	33.33			
10	75-79	Former	184.00	34.14			25.77	11.00	5.98

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2115.00	24.68	316.00	14.94			
15	All Ages	Former	1964.00	22.92			17.55	110.00	5.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	279.00	33.06	14.00	5.02			
15	30-34	Former	92.00	10.90			7.43	14.00	15.22

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	245.00	29.48	32.00	13.06			
15	35-39	Former	173.00	20.82			11.34	12.00	6.94

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

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	263.00	26.33	35.00	13.31			
15	40-44	Former	221.00	22.12			14.22	13.00	5.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	277.00	24.69	39.00	14.08			
15	45-49	Former	286.00	25.49			14.89	13.00	4.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	203.00	20.93	41.00	20.20			
15	50-54	Former	270.00	27.84			18.15	9.00	3.33

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

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	177.00	21.82	37.00	20.90			
15	55-59	Former	212.00	26.14			18.02	9.00	4.25

Year of Follow-up: 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_16_Extreme_situations.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	138.00	22.22	27.00	19.57			
15	60-64	Former	182.00	29.31			21.84	6.00	3.30

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	125.00	23.36	25.00	20.00			
15	65-69	Former	158.00	29.53			21.89	5.00	3.16

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	94.00	19.26	32.00	34.04			
15	70-74	Former	144.00	29.51			24.57	7.00	4.86

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

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	91.00	16.98	33.00	36.26			
15	75-79	Former	185.00	34.51			24.57	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	4198.00	52.25					
20	All Ages	Current	1922.00	23.92	350.00	18.21			
20	All Ages	Former	1914.00	23.82			19.27	98.00	5.12

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	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	223.00	27.43	5.00	2.24			
20	30-34	Former	65.00	8.00			6.42	13.00	20.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	270.00	31.99	16.00	5.93			
20	35-39	Former	110.00	13.03			10.48	11.00	10.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	230.00	27.68	36.00	15.65			
20	40-44	Former	188.00	22.62			14.65	8.00	4.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	243.00	24.32	41.00	16.87			
20	45-49	Former	241.00	24.12			17.00	12.00	4.98

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	266.00	23.71	55.00	20.68			
20	50-54	Former	297.00	26.47			18.16	8.00	2.69

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

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	187.00	19.28	47.00	25.13			
20	55-59	Former	286.00	29.48			21.10	11.00	3.85

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.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	167.00	20.59	46.00	27.54			
20	60-64	Former	222.00	27.37			20.30	11.00	4.95

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

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	130.00	20.93	34.00	26.15			
20	65-69	Former	190.00	30.60			24.24	8.00	4.21

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

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	118.00	22.06	33.00	27.97			
20	70-74	Former	165.00	30.84			24.02	8.00	4.85

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

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	88.00	18.03	37.00	42.05			
20	75-79	Former	150.00	30.74			26.37	8.00	5.33

****

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_16_Extreme_situations.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	5126.00	56.45					
5	All Ages	Current CC	0.00	0.00	0.00	.			
5	All Ages	Current MRTP	0.00	0.00					
5	All Ages	Current Dual	0.00	0.00					
5	All Ages	Former	3954.00	43.55			9.94	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	298.00	100.00					
5	18-19	Current CC	0.00	0.00	0.00	.			
5	18-19	Current MRTP	0.00	0.00					
5	18-19	Current Dual	0.00	0.00					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.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	679.00	80.45					
5	20-24	Current CC	0.00	0.00	0.00	.			
5	20-24	Current MRTP	0.00	0.00					
5	20-24	Current Dual	0.00	0.00					
5	20-24	Former	165.00	19.55			4.09	0.00	0.00
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	504.00	60.65					
5	25-29	Current CC	0.00	0.00	0.00	.			
5	25-29	Current MRTP	0.00	0.00					
5	25-29	Current Dual	0.00	0.00					
5	25-29	Former	327.00	39.35			4.86	0.00	0.00
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	546.00	54.65					
5	30-34	Current CC	0.00	0.00	0.00	.			
5	30-34	Current MRTP	0.00	0.00					
5	30-34	Current Dual	0.00	0.00					
5	30-34	Former	453.00	45.35			5.78	0.00	0.00
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	570.00	50.80					
5	35-39	Current CC	0.00	0.00	0.00	.			
5	35-39	Current MRTP	0.00	0.00					
5	35-39	Current Dual	0.00	0.00					
5	35-39	Former	552.00	49.20			6.13	0.00	0.00
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	497.00	51.24					
5	40-44	Current CC	0.00	0.00	0.00	.			
5	40-44	Current MRTP	0.00	0.00					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	473.00	48.76			8.31	0.00	0.00
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 CC	0.00	0.00	0.00	.			
5	45-49	Current MRTP	0.00	0.00					
5	45-49	Current Dual	0.00	0.00					
5	45-49	Former	389.00	47.97			8.16	0.00	0.00
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	0.00	0.00	0.00	.			
5	50-54	Current MRTP	0.00	0.00					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	320.00	51.53			10.52	0.00	0.00
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	252.00	47.10					
5	55-59	Current CC	0.00	0.00	0.00	.			
5	55-59	Current MRTP	0.00	0.00					
5	55-59	Current Dual	0.00	0.00					
5	55-59	Former	283.00	52.90			10.35	0.00	0.00
Year of Follow-up: 1995, Age Group: 60-64									
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	0.00	0.00	0.00	.			
5	60-64	Current MRTP	0.00	0.00					
5	60-64	Current Dual	0.00	0.00					
5	60-64	Former	238.00	48.77			14.16	0.00	0.00
Year of Follow-up: 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	0.00	0.00	0.00	.			
5	65-69	Current MRTP	0.00	0.00					
5	65-69	Current Dual	0.00	0.00					
5	65-69	Former	276.00	51.49			15.56	0.00	0.00
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_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	0.00	0.00	0.00	.			
5	70-74	Current MRTP	0.00	0.00					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	259.00	48.05			19.15	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	0.00	0.00	0.00	.			
5	75-79	Current MRTP	0.00	0.00					
5	75-79	Current Dual	0.00	0.00					
5	75-79	Former	219.00	45.06			22.82	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	5374.00	59.00					
10	All Ages	Current CC	0.00	0.00	0.00	.			
10	All Ages	Current MRTP	0.00	0.00					
10	All Ages	Current Dual	0.00	0.00					
10	All Ages	Former	3735.00	41.00			14.18	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	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	813.00	100.00					
10	20-24	Current CC	0.00	0.00	0.00	.			
10	20-24	Current MRTP	0.00	0.00					
10	20-24	Current Dual	0.00	0.00					
10	20-24	Former	0.00	0.00			.	0.00	.

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	679.00	80.45					
10	25-29	Current CC	0.00	0.00	0.00	.			
10	25-29	Current MRTP	0.00	0.00					
10	25-29	Current Dual	0.00	0.00					
10	25-29	Former	165.00	19.55			9.09	0.00	0.00

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	504.00	60.65					
10	30-34	Current CC	0.00	0.00	0.00	.			
10	30-34	Current MRTP	0.00	0.00					
10	30-34	Current Dual	0.00	0.00					
10	30-34	Former	327.00	39.35			9.86	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	546.00	54.65					
10	35-39	Current CC	0.00	0.00	0.00	.			
10	35-39	Current MRTP	0.00	0.00					
10	35-39	Current Dual	0.00	0.00					
10	35-39	Former	453.00	45.35			10.78	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	570.00	50.80					
10	40-44	Current CC	0.00	0.00	0.00	.			
10	40-44	Current MRTP	0.00	0.00					
10	40-44	Current Dual	0.00	0.00					
10	40-44	Former	552.00	49.20			11.13	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	0.00	0.00	0.00	.			
10	45-49	Current MRTP	0.00	0.00					
10	45-49	Current Dual	0.00	0.00					
10	45-49	Former	473.00	48.76			13.31	0.00	0.00

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

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

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	0.00	0.00	0.00	.			
10	50-54	Current MRTP	0.00	0.00					
10	50-54	Current Dual	0.00	0.00					
10	50-54	Former	389.00	47.97			13.16	0.00	0.00
Year of Follow-up: 2000, Age Group: 55-59									
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	0.00	0.00	0.00	.			
10	55-59	Current MRTP	0.00	0.00					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	320.00	51.53			15.52	0.00	0.00
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	0.00	0.00	0.00	.			
10	60-64	Current MRTP	0.00	0.00					
10	60-64	Current Dual	0.00	0.00					
10	60-64	Former	283.00	52.90			15.35	0.00	0.00
Year of Follow-up: 2000, Age Group: 65-69									
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	0.00	0.00	0.00	.			
10	65-69	Current MRTP	0.00	0.00					
10	65-69	Current Dual	0.00	0.00					
10	65-69	Former	238.00	48.77			19.16	0.00	0.00
Year of Follow-up: 2000, Age Group: 70-74									
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	0.00	0.00	0.00	.			
10	70-74	Current MRTP	0.00	0.00					
10	70-74	Current Dual	0.00	0.00					
10	70-74	Former	276.00	51.49			20.56	0.00	0.00
Year of Follow-up: 2000, Age Group: 75-79									
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	0.00	0.00	0.00	.			
10	75-79	Current MRTP	0.00	0.00					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	259.00	48.05			24.15	0.00	0.00
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	5094.00	59.44					
15	All Ages	Current CC	0.00	0.00	0.00	.			
15	All Ages	Current MRTP	0.00	0.00					
15	All Ages	Current Dual	0.00	0.00					
15	All Ages	Former	3476.00	40.56			18.44	0.00	0.00
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	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	813.00	100.00					
15	25-29	Current CC	0.00	0.00	0.00	.			
15	25-29	Current MRTP	0.00	0.00					
15	25-29	Current Dual	0.00	0.00					
15	25-29	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	679.00	80.45					

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	0.00	0.00	0.00	.			
15	30-34	Current MRTP	0.00	0.00					
15	30-34	Current Dual	0.00	0.00					
15	30-34	Former	165.00	19.55			14.09	0.00	0.00

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	504.00	60.65					
15	35-39	Current CC	0.00	0.00	0.00	.			
15	35-39	Current MRTP	0.00	0.00					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	327.00	39.35			14.86	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	546.00	54.65					
15	40-44	Current CC	0.00	0.00	0.00	.			
15	40-44	Current MRTP	0.00	0.00					
15	40-44	Current Dual	0.00	0.00					
15	40-44	Former	453.00	45.35			15.78	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	570.00	50.80					
15	45-49	Current CC	0.00	0.00	0.00	.			
15	45-49	Current MRTP	0.00	0.00					
15	45-49	Current Dual	0.00	0.00					
15	45-49	Former	552.00	49.20			16.13	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	0.00	0.00	0.00	.			
15	50-54	Current MRTP	0.00	0.00					
15	50-54	Current Dual	0.00	0.00					
15	50-54	Former	473.00	48.76			18.31	0.00	0.00

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	422.00	52.03					
15	55-59	Current CC	0.00	0.00	0.00	.			
15	55-59	Current MRTP	0.00	0.00					
15	55-59	Current Dual	0.00	0.00					
15	55-59	Former	389.00	47.97			18.16	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	0.00	0.00	0.00	.			
15	60-64	Current MRTP	0.00	0.00					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	320.00	51.53			20.52	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	0.00	0.00	0.00	.			
15	65-69	Current MRTP	0.00	0.00					
15	65-69	Current Dual	0.00	0.00					
15	65-69	Former	283.00	52.90			20.35	0.00	0.00

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

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	0.00	0.00	0.00	.			
15	70-74	Current MRTP	0.00	0.00					
15	70-74	Current Dual	0.00	0.00					
15	70-74	Former	238.00	48.77			24.16	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	0.00	0.00	0.00	.			
15	75-79	Current MRTP	0.00	0.00					
15	75-79	Current Dual	0.00	0.00					
15	75-79	Former	276.00	51.49			25.56	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4834.00	60.17					
20	All Ages	Current CC	0.00	0.00	0.00	.			

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	0.00	0.00					
20	All Ages	Current Dual	0.00	0.00					
20	All Ages	Former	3200.00	39.83			22.83	0.00	0.00

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	813.00	100.00					
20	30-34	Current CC	0.00	0.00	0.00	.			
20	30-34	Current MRTP	0.00	0.00					
20	30-34	Current Dual	0.00	0.00					
20	30-34	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	679.00	80.45					
20	35-39	Current CC	0.00	0.00	0.00	.			
20	35-39	Current MRTP	0.00	0.00					
20	35-39	Current Dual	0.00	0.00					
20	35-39	Former	165.00	19.55			19.09	0.00	0.00

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	504.00	60.65					
20	40-44	Current CC	0.00	0.00	0.00	.			
20	40-44	Current MRTP	0.00	0.00					
20	40-44	Current Dual	0.00	0.00					
20	40-44	Former	327.00	39.35			19.86	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	546.00	54.65					
20	45-49	Current CC	0.00	0.00	0.00	.			
20	45-49	Current MRTP	0.00	0.00					
20	45-49	Current Dual	0.00	0.00					
20	45-49	Former	453.00	45.35			20.78	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	570.00	50.80					
20	50-54	Current CC	0.00	0.00	0.00	.			
20	50-54	Current MRTP	0.00	0.00					
20	50-54	Current Dual	0.00	0.00					
20	50-54	Former	552.00	49.20			21.13	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	0.00	0.00	0.00	.			
20	55-59	Current MRTP	0.00	0.00					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	473.00	48.76			23.31	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	0.00	0.00	0.00	.			
20	60-64	Current MRTP	0.00	0.00					

Results for PHIM for Run 2 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	0.00	0.00					
20	60-64	Former	389.00	47.97			23.16	0.00	0.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	0.00	0.00	0.00	.			
20	65-69	Current MRTP	0.00	0.00					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	320.00	51.53			25.52	0.00	0.00

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

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	0.00	0.00	0.00	.			
20	70-74	Current MRTP	0.00	0.00					
20	70-74	Current Dual	0.00	0.00					
20	70-74	Former	283.00	52.90			25.35	0.00	0.00

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	250.00	51.23					
20	75-79	Current CC	0.00	0.00	0.00	.			
20	75-79	Current MRTP	0.00	0.00					
20	75-79	Current Dual	0.00	0.00					
20	75-79	Former	238.00	48.77			29.16	0.00	0.00

****

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	57366.805	1761.056	0.884	2.978	2826.86	839.248	814.252	24.996
1992	198532	60226.648	56703.627	3523.020	1.775	5.850	2778.64	842.929	793.621	49.308
1993	202512	62333.146	56947.321	5385.825	2.660	8.640	2793.47	859.829	785.536	74.293
1994	200658	62695.355	55557.135	7138.220	3.557	11.386	2725.82	851.678	754.710	96.968
1995	201023	63147.760	54272.798	8874.962	4.415	14.054	2687.54	844.241	725.589	118.652
1996	201180	64321.698	53566.087	10755.61	5.346	16.722	2653.67	848.436	706.564	141.872
1997	198639	64566.762	52200.414	12366.35	6.226	19.153	2583.39	839.720	678.890	160.830
1998	197573	65421.536	51433.579	13987.96	7.080	21.381	2533.29	838.837	659.483	179.354
1999	211329	67613.066	50789.105	16823.96	7.961	24.883	2673.14	855.251	642.441	212.810
2000	208496	68267.415	49779.643	18487.77	8.867	27.081	2604.20	852.689	621.769	230.920
2001	203606	68395.693	48217.699	20177.99	9.910	29.502	2514.65	844.726	595.516	249.210
2002	200828	69111.439	47143.644	21967.80	10.939	31.786	2455.47	845.008	576.414	268.595
2003	196352	68881.795	45454.740	23427.05	11.931	34.011	2377.49	834.043	550.380	283.662
2004	188160	67523.869	43030.832	24493.04	13.017	36.273	2254.66	809.117	515.625	293.492
2005	186416	68069.269	41967.499	26101.77	14.002	38.346	2208.07	806.271	497.099	309.172
2006	180088	66888.390	39578.659	27309.73	15.165	40.829	2113.55	785.014	464.502	320.512
2007	175644	66283.868	37902.654	28381.21	16.158	42.818	2039.92	769.818	440.200	329.618
2008	177570	67506.385	37055.779	30450.61	17.149	45.108	2039.03	775.172	425.510	349.663
2009	172806	67036.302	35423.633	31612.67	18.294	47.158	1961.22	760.813	402.033	358.781

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1304718.848	971692.242	333026.6	8.538	25.525	2465.77	824.819	614.286	210.533

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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_16_Extreme_situations.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	31157.686	372.332	0.852	1.181	620.154	447.530	442.245	5.285
1992	45423	32811.490	32032.151	779.339	1.716	2.375	635.738	459.228	448.320	10.908
1993	46291	33467.818	32245.952	1221.865	2.640	3.651	638.542	461.658	444.804	16.855
1994	47017	33989.886	32292.575	1697.311	3.610	4.994	638.697	461.732	438.675	23.057
1995	47840	34570.137	32350.733	2219.404	4.639	6.420	639.587	462.178	432.507	29.672
1996	48244	34999.456	32247.957	2751.499	5.703	7.862	636.363	461.661	425.367	36.294
1997	49035	35552.840	32178.149	3374.691	6.882	9.492	637.723	462.381	418.492	43.889
1998	49686	36145.434	32125.686	4019.749	8.090	11.121	637.076	463.458	411.917	51.541
1999	48883	35517.504	30925.185	4592.320	9.395	12.930	618.331	449.268	391.179	58.089
2000	50331	36592.315	31170.722	5421.593	10.772	14.816	628.656	457.054	389.336	67.718
2001	50389	36759.775	30573.665	6186.111	12.277	16.828	622.333	454.004	377.602	76.402
2002	51445	37660.100	30547.109	7112.992	13.826	18.887	629.005	460.461	373.492	86.969
2003	51408	37596.861	29670.598	7926.263	15.418	21.082	622.464	455.235	359.261	95.974
2004	51399	37577.191	28798.987	8778.204	17.079	23.360	615.898	450.276	345.089	105.186
2005	51421	37549.882	27944.128	9605.753	18.681	25.581	609.074	444.773	330.994	113.779
2006	51355	37488.684	26896.057	10592.63	20.626	28.256	602.712	439.974	315.657	124.317
2007	51839	37697.095	26082.140	11614.95	22.406	30.811	602.056	437.812	302.917	134.896
2008	50976	37103.477	24772.100	12331.38	24.191	33.235	585.355	426.057	284.457	141.601
2009	51193	37331.692	23945.547	13386.14	26.148	35.857	581.003	423.688	271.765	151.923

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

Age Group:All Year	Number Deaths	Null 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	712587.025	598602.497	113984.5	11.624	15.996	619.890	450.484	378.425	72.059

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	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	11772.553	890.426	0.924	7.032	1368.32	179.735	167.097	12.639
1992	93721	12338.367	10567.751	1770.616	1.889	14.350	1311.71	172.687	147.906	24.781
1993	93679	12402.517	9759.039	2643.478	2.822	21.314	1292.22	171.081	134.617	36.464
1994	90832	12131.481	8715.764	3415.717	3.760	28.156	1233.90	164.799	118.398	46.400
1995	89698	11965.594	7832.538	4133.056	4.608	34.541	1199.20	159.972	104.716	55.256
1996	88286	12028.829	7086.733	4942.095	5.598	41.085	1164.54	158.666	93.478	65.189
1997	84777	11604.853	6181.852	5423.000	6.397	46.730	1102.56	150.926	80.398	70.529
1998	82517	11356.193	5464.643	5891.550	7.140	51.880	1058.04	145.609	70.068	75.542
1999	93939	13058.570	5567.295	7491.275	7.975	57.367	1188.25	165.180	70.422	94.759
2000	90039	12645.748	4841.733	7804.016	8.667	61.713	1124.63	157.951	60.475	97.475
2001	86119	12398.577	4144.068	8254.509	9.585	66.576	1063.62	153.130	51.182	101.948
2002	83014	12167.320	3536.904	8630.416	10.396	70.931	1014.99	148.767	43.245	105.522
2003	79302	11749.657	2967.190	8782.467	11.075	74.747	960.214	142.269	35.928	106.341
2004	73861	11211.496	2429.740	8781.756	11.890	78.328	885.053	134.344	29.115	105.229
2005	71649	10968.231	2043.201	8925.030	12.457	81.372	848.672	129.917	24.201	105.716
2006	67551	10493.595	1613.102	8880.493	13.146	84.628	792.791	123.155	18.932	104.223
2007	63503	9896.335	1259.783	8636.553	13.600	87.270	737.521	114.936	14.631	100.305
2008	63171	10056.381	1075.068	8981.313	14.217	89.310	725.389	115.477	12.345	103.132
2009	59747	9618.732	880.972	8737.760	14.625	90.841	678.085	109.166	9.998	99.167

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

Age Group:All Year	Number Deaths	Null 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	233402.216	110386.691	123015.5	7.452	52.705	1043.56	147.553	69.784	77.768

****

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_16_Extreme_situations.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	2843.487	272.529	0.838	8.746	461.369	44.228	40.360	3.868
1992	32560	3095.527	2568.165	527.362	1.620	17.036	455.708	43.325	35.944	7.381
1993	32768	3114.654	2339.636	775.018	2.365	24.883	452.005	42.964	32.273	10.691
1994	33005	3168.991	2147.139	1021.852	3.096	32.245	448.353	43.049	29.168	13.881
1995	33730	3201.839	1945.524	1256.315	3.725	39.237	450.946	42.806	26.010	16.796
1996	33750	3236.644	1761.646	1474.998	4.370	45.572	445.180	42.693	23.237	19.456
1997	33699	3243.886	1576.678	1667.208	4.947	51.395	438.271	42.188	20.505	21.683
1998	33274	3177.889	1372.604	1805.285	5.426	56.808	426.640	40.747	17.600	23.147
1999	33891	3162.917	1211.062	1951.855	5.759	61.711	428.694	40.008	15.319	24.689
2000	33827	3249.238	1108.391	2140.847	6.329	65.888	422.514	40.584	13.844	26.740
2001	32506	3126.142	935.714	2190.429	6.739	70.068	401.468	38.610	11.557	27.053
2002	32078	3138.450	828.777	2309.674	7.200	73.593	392.210	38.373	10.133	28.240
2003	30568	3045.532	705.409	2340.123	7.655	76.838	370.127	36.876	8.541	28.335
2004	29388	3006.180	607.021	2399.159	8.164	79.808	352.147	36.022	7.274	28.748
2005	27954	2953.695	522.312	2431.383	8.698	82.317	331.111	34.986	6.187	28.799
2006	27201	2921.320	450.308	2471.012	9.084	84.585	319.236	34.285	5.285	29.000
2007	26302	2847.528	380.564	2466.963	9.379	86.635	305.470	33.071	4.420	28.651
2008	25998	2816.392	327.013	2489.379	9.575	88.389	298.534	32.340	3.755	28.585
2009	25040	2767.837	277.865	2489.973	9.944	89.961	284.186	31.413	3.154	28.259

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	623548	61583.921	27102.559	34481.36	5.530	55.991	394.195	38.932	17.134	21.798

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11593.079	225.769	0.850	1.910	377.015	167.754	164.550	3.205
1992	26828	11981.263	11535.560	445.703	1.661	3.720	375.483	167.689	161.451	6.238
1993	29774	13348.157	12602.694	745.464	2.504	5.585	410.705	184.126	173.843	10.283
1994	29804	13404.997	12401.657	1003.340	3.366	7.485	404.869	182.099	168.469	13.630
1995	29755	13410.189	12144.003	1266.187	4.255	9.442	397.803	179.285	162.357	16.928
1996	30900	14056.770	12469.751	1587.019	5.136	11.290	407.587	185.416	164.482	20.934
1997	31128	14165.184	12263.735	1901.449	6.108	13.423	404.834	184.225	159.495	24.729
1998	32096	14742.020	12470.646	2271.374	7.077	15.407	411.536	189.023	159.899	29.124
1999	34616	15874.074	13085.563	2788.512	8.056	17.566	437.865	200.794	165.522	35.272
2000	34299	15780.114	12658.797	3121.316	9.100	19.780	428.409	197.100	158.114	38.987
2001	34592	16111.198	12564.252	3546.946	10.254	22.015	427.231	198.983	155.176	43.807
2002	34291	16145.569	12230.855	3914.714	11.416	24.246	419.268	197.408	149.544	47.864
2003	35074	16489.745	12111.543	4378.202	12.483	26.551	424.687	199.663	146.650	53.013
2004	33512	15729.002	11195.083	4533.919	13.529	28.825	401.564	188.476	134.147	54.329
2005	35392	16597.462	11457.857	5139.605	14.522	30.966	419.213	196.595	135.717	60.878
2006	33981	15984.791	10619.191	5365.600	15.790	33.567	398.807	187.600	124.629	62.972
2007	34000	15842.910	10180.167	5662.743	16.655	35.743	394.875	183.999	118.232	65.767
2008	37425	17530.136	10881.597	6648.538	17.765	37.926	429.749	201.298	124.953	76.345
2009	36826	17318.042	10319.249	6998.792	19.005	40.413	417.948	196.547	117.116	79.431

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

Age Group:All		Null	MRTP			%Drop		Null	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	297145.685	235600.495	61545.19	9.533	20.712	408.132	187.850	148.942	38.908

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	1
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	EXTREME2
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_16_Extreme_situations
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: 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_16_Extreme_situations.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		EXTREME2

		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	0.000000	0.002000	0.000000	0.999500	0.000000	0.000500	0.000000	0.000240	0.000000
15-19	1-3	0.000000	0.003500	0.000000	0.998500	0.000000	0.001500	0.000000	0.000720	0.000000
20-24	1-3	0.000000	0.002000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
25-29	1-3	0.000000	0.001000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
30-34	1-3	0.000000	0.000500	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
35-39	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
40-44	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
45-49	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
50-54	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
55-59	1-3	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
60-64	1-3	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
65-69	1-3	0.000000	0.000000	0.000000	0.997000	0.000000	0.003000	0.000000	0.001440	0.000000
70-74	1-3	0.000000	0.000000	0.000000	0.996500	0.000000	0.003500	0.000000	0.001680	0.000000
75-79	1-3	0.000000	0.000000	0.000000	0.996000	0.000000	0.004000	0.000000	0.001920	0.000000
10-14	4+	0.000000	0.002000	0.000000	0.999500	0.000000	0.000500	0.000000	0.000240	0.000000
15-19	4+	0.000000	0.003500	0.000000	0.998500	0.000000	0.001500	0.000000	0.000720	0.000000
20-24	4+	0.000000	0.002000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
25-29	4+	0.000000	0.001000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
30-34	4+	0.000000	0.000500	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
35-39	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
40-44	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
45-49	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
50-54	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
55-59	4+	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
60-64	4+	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
65-69	4+	0.000000	0.000000	0.000000	0.997000	0.000000	0.003000	0.000000	0.001440	0.000000
70-74	4+	0.000000	0.000000	0.000000	0.996500	0.000000	0.003500	0.000000	0.001680	0.000000
75-79	4+	0.000000	0.000000	0.000000	0.996000	0.000000	0.004000	0.000000	0.001920	0.000000

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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	0.000000	0.000000	0.000500	0.000000	0.999500	0.000500
15-19	1-3	0.000000	0.000000	0.001500	0.000000	0.998500	0.001500
20-24	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
25-29	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
30-34	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
35-39	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
40-44	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
45-49	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
50-54	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
55-59	1-3	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
60-64	1-3	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
65-69	1-3	0.000000	0.000000	0.003000	0.000000	0.997000	0.003000
70-74	1-3	0.000000	0.000000	0.003500	0.000000	0.996500	0.003500
75-79	1-3	0.000000	0.000000	0.004000	0.000000	0.996000	0.004000
10-14	4+	0.000000	0.000000	0.000500	0.000000	0.999500	0.000500
15-19	4+	0.000000	0.000000	0.001500	0.000000	0.998500	0.001500
20-24	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
25-29	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
30-34	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
35-39	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
40-44	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
45-49	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
50-54	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
55-59	4+	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
60-64	4+	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
65-69	4+	0.000000	0.000000	0.003000	0.000000	0.997000	0.003000
70-74	4+	0.000000	0.000000	0.003500	0.000000	0.996500	0.003500
75-79	4+	0.000000	0.000000	0.004000	0.000000	0.996000	0.004000

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.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_16_Extreme_situations.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	2707.00	29.50	173.00	6.39			
5	All Ages	Former	2591.00	28.23			15.40	164.00	6.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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	379.00	35.29	12.00	3.17			
5	30-34	Former	202.00	18.81			6.34	24.00	11.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	361.00	33.33	14.00	3.88			
5	35-39	Former	253.00	23.36			7.72	23.00	9.09

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

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	298.00	30.63	24.00	8.05			
5	40-44	Former	269.00	27.65			11.95	15.00	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	308.00	35.86					
5	45-49	Current	239.00	27.82	13.00	5.44			
5	45-49	Former	312.00	36.32			13.43	16.00	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	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	132.00	25.63	20.00	15.15			
5	60-64	Former	242.00	46.99			18.49	11.00	4.55

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

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

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.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	89.00	19.87	18.00	20.22			
5	70-74	Former	253.00	56.47			22.64	6.00	2.37

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

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	81.00	22.56	17.00	20.99			
5	75-79	Former	210.00	58.50			24.18	7.00	3.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2702.00	28.82	292.00	10.81			
10	All Ages	Former	2584.00	27.56			17.03	157.00	6.08

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	311.00	32.46	14.00	4.50			
10	30-34	Former	144.00	15.03			8.08	13.00	9.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	346.00	32.22	20.00	5.78			
10	35-39	Former	239.00	22.25			9.45	19.00	7.95

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

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	332.00	30.66	24.00	7.23			
10	40-44	Former	282.00	26.04			11.17	14.00	4.96

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

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	278.00	28.57	39.00	14.03			
10	45-49	Former	289.00	29.70			14.80	19.00	6.57

Year of Follow-up: 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	229.00	26.66	33.00	14.41			
10	50-54	Former	322.00	37.49			16.74	17.00	5.28

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

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_16_Extreme_situations.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	125.00	24.27	32.00	25.60			
10	65-69	Former	249.00	48.35			21.39	10.00	4.02

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

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	130.00	26.00	39.00	30.00			
10	70-74	Former	250.00	50.00			24.72	16.00	6.40

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	103.00	22.99	42.00	40.78			
10	75-79	Former	239.00	53.35			26.21	10.00	4.18

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

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	2560.00	28.68	378.00	14.77			
15	All Ages	Former	2491.00	27.90			18.51	134.00	5.38

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	290.00	31.69	7.00	2.41			
15	30-34	Former	89.00	9.73			7.60	7.00	7.87

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

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	284.00	29.65	21.00	7.39			
15	35-39	Former	177.00	18.48			10.51	18.00	10.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	320.00	29.80	26.00	8.13			
15	40-44	Former	265.00	24.67			12.88	16.00	6.04

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	315.00	29.09	37.00	11.75			
15	45-49	Former	299.00	27.61			14.64	13.00	4.35

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

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	259.00	26.62	50.00	19.31			
15	50-54	Former	308.00	31.65			17.65	15.00	4.87

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

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	235.00	27.36	53.00	22.55			
15	55-59	Former	316.00	36.79			20.35	11.00	3.48

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

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

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	180.00	28.57	33.00	18.33			
15	60-64	Former	258.00	40.95			23.39	14.00	5.43

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

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	127.00	24.24	36.00	28.35			
15	65-69	Former	242.00	46.18			21.98	8.00	3.31

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

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	130.00	25.24	49.00	37.69			
15	70-74	Former	244.00	47.38			24.34	4.00	1.64

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

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	139.00	27.80	62.00	44.60			
15	75-79	Former	241.00	48.20			26.66	10.00	4.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2357.00	27.97	456.00	19.35			
20	All Ages	Former	2362.00	28.03			19.98	107.00	4.53

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	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	275.00	30.05	11.00	4.00			
20	35-39	Former	116.00	12.68			9.91	10.00	8.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	269.00	28.08	28.00	10.41			
20	40-44	Former	192.00	20.04			14.21	8.00	4.17

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	489.00	45.53					
20	45-49	Current	304.00	28.31	38.00	12.50			
20	45-49	Former	281.00	26.16			16.28	7.00	2.49

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

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	301.00	27.79	51.00	16.94			
20	50-54	Former	313.00	28.90			17.98	14.00	4.47

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	248.00	25.49	70.00	28.23			
20	55-59	Former	319.00	32.79			20.26	15.00	4.70

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.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	232.00	27.01	78.00	33.62			
20	60-64	Former	319.00	37.14			22.77	10.00	3.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	173.00	27.46	51.00	29.48			
20	65-69	Former	265.00	42.06			25.10	13.00	4.91

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	155.00	29.58					
20	70-74	Current	132.00	25.19	56.00	42.42			
20	70-74	Former	237.00	45.23			24.48	12.00	5.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	132.00	25.63	68.00	51.52			
20	75-79	Former	242.00	46.99			26.66	7.00	2.89

****

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_16_Extreme_situations.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	0.00	0.00	152.00	5.58			
5	All Ages	Current MRTP	2723.00	29.67					
5	All Ages	Current Dual	0.00	0.00					
5	All Ages	Former	2553.00	27.82			15.71	139.00	5.44

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	0.00	0.00	0.00	0.00			
5	18-19	Current MRTP	58.00	17.11					
5	18-19	Current Dual	0.00	0.00					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

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

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	0.00	0.00	1.00	0.38			
5	20-24	Current MRTP	265.00	28.96					
5	20-24	Current Dual	0.00	0.00					
5	20-24	Former	31.00	3.39			2.84	10.00	32.26
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	0.00	0.00	4.00	1.28			
5	25-29	Current MRTP	313.00	32.67					
5	25-29	Current Dual	0.00	0.00					
5	25-29	Former	110.00	11.48			4.97	20.00	18.18
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	0.00	0.00	9.00	2.37			
5	30-34	Current MRTP	379.00	35.29					
5	30-34	Current Dual	0.00	0.00					
5	30-34	Former	201.00	18.72			6.35	26.00	12.94
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	0.00	0.00	14.00	3.88			
5	35-39	Current MRTP	361.00	33.33					
5	35-39	Current Dual	0.00	0.00					
5	35-39	Former	244.00	22.53			7.99	13.00	5.33
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	0.00	0.00	13.00	4.41			
5	40-44	Current MRTP	295.00	30.32					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	272.00	27.95			12.20	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	0.00	0.00	13.00	5.06			
5	45-49	Current MRTP	257.00	29.92					
5	45-49	Current Dual	0.00	0.00					
5	45-49	Former	294.00	34.23			13.93	12.00	4.08
Year of Follow-up: 1995, Age Group: 50-54									
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	0.00	0.00	14.00	6.70			
5	50-54	Current MRTP	209.00	33.17					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	229.00	36.35			17.73	5.00	2.18
Year of Follow-up: 1995, Age Group: 55-59									
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	0.00	0.00	14.00	9.27			
5	55-59	Current MRTP	151.00	28.82					
5	55-59	Current Dual	0.00	0.00					
5	55-59	Former	218.00	41.60			17.03	13.00	5.96
Year of Follow-up: 1995, Age Group: 60-64									
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	0.00	0.00	15.00	11.63			
5	60-64	Current MRTP	129.00	25.05					
5	60-64	Current Dual	0.00	0.00					
5	60-64	Former	245.00	47.57			18.99	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	0.00	0.00	14.00	10.85			
5	65-69	Current MRTP	129.00	25.80					
5	65-69	Current Dual	0.00	0.00					
5	65-69	Former	251.00	50.20			22.47	9.00	3.59
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	0.00	0.00	24.00	25.53			
5	70-74	Current MRTP	94.00	20.98					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	248.00	55.36			22.92	7.00	2.82

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

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	0.00	0.00	17.00	20.48			
5	75-79	Current MRTP	83.00	23.12					
5	75-79	Current Dual	0.00	0.00					
5	75-79	Former	208.00	57.94			24.41	7.00	3.37

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	4073.00	43.45					
10	All Ages	Current CC	0.00	0.00	270.00	9.74			
10	All Ages	Current MRTP	2771.00	29.56					
10	All Ages	Current Dual	0.00	0.00					
10	All Ages	Former	2531.00	27.00			17.53	142.00	5.61

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	0.00	0.00	0.00	0.00			
10	20-24	Current MRTP	252.00	28.13					
10	20-24	Current Dual	0.00	0.00					
10	20-24	Former	17.00	1.90			2.29	7.00	41.18

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	553.00	60.44					
10	25-29	Current CC	0.00	0.00	6.00	1.95			
10	25-29	Current MRTP	308.00	33.66					
10	25-29	Current Dual	0.00	0.00					
10	25-29	Former	54.00	5.90			4.96	13.00	24.07

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	0.00	0.00	11.00	3.49			
10	30-34	Current MRTP	315.00	32.88					
10	30-34	Current Dual	0.00	0.00					
10	30-34	Former	144.00	15.03			7.77	16.00	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	488.00	45.44					
10	35-39	Current CC	0.00	0.00	20.00	5.63			
10	35-39	Current MRTP	355.00	33.05					
10	35-39	Current Dual	0.00	0.00					
10	35-39	Former	231.00	21.51			9.71	20.00	8.66

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	0.00	0.00	27.00	8.33			
10	40-44	Current MRTP	324.00	29.92					
10	40-44	Current Dual	0.00	0.00					
10	40-44	Former	281.00	25.95			11.04	18.00	6.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	0.00	0.00	27.00	9.51			
10	45-49	Current MRTP	284.00	29.19					
10	45-49	Current Dual	0.00	0.00					
10	45-49	Former	283.00	29.09			15.98	11.00	3.89

Year of Follow-up: 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_16_Extreme_situations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	0.00	0.00	31.00	12.40			
10	50-54	Current MRTP	250.00	29.10					
10	50-54	Current Dual	0.00	0.00					
10	50-54	Former	301.00	35.04			17.52	4.00	1.33
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	0.00	0.00	28.00	14.43			
10	55-59	Current MRTP	194.00	30.79					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	244.00	38.73			20.44	10.00	4.10
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	0.00	0.00	22.00	15.38			
10	60-64	Current MRTP	143.00	27.29					
10	60-64	Current Dual	0.00	0.00					
10	60-64	Former	226.00	43.13			20.26	8.00	3.54
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	0.00	0.00	26.00	20.63			
10	65-69	Current MRTP	126.00	24.47					
10	65-69	Current Dual	0.00	0.00					
10	65-69	Former	248.00	48.16			22.16	10.00	4.03
Year of Follow-up: 2000, Age Group: 70-74									
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	0.00	0.00	35.00	27.34			
10	70-74	Current MRTP	128.00	25.60					
10	70-74	Current Dual	0.00	0.00					
10	70-74	Former	252.00	50.40			24.94	14.00	5.56
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	0.00	0.00	37.00	40.22			
10	75-79	Current MRTP	92.00	20.54					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	250.00	55.80			25.84	11.00	4.40
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	0.00	0.00	347.00	13.33			
15	All Ages	Current MRTP	2603.00	29.16					
15	All Ages	Current Dual	0.00	0.00					
15	All Ages	Former	2456.00	27.51			19.01	135.00	5.50
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	565.00	63.06					
15	25-29	Current CC	0.00	0.00	1.00	0.35			
15	25-29	Current MRTP	288.00	32.14					
15	25-29	Current Dual	0.00	0.00					
15	25-29	Former	43.00	4.80			4.05	9.00	20.93
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	0.00	0.00	13.00	4.13			
15	30-34	Current MRTP	315.00	34.43					
15	30-34	Current Dual	0.00	0.00					
15	30-34	Former	75.00	8.20			6.99	12.00	16.00
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	490.00	51.15					
15	35-39	Current CC	0.00	0.00	20.00	6.69			
15	35-39	Current MRTP	299.00	31.21					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	169.00	17.64			10.61	14.00	8.28
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	488.00	45.44					
15	40-44	Current CC	0.00	0.00	30.00	9.17			
15	40-44	Current MRTP	327.00	30.45					
15	40-44	Current Dual	0.00	0.00					
15	40-44	Former	259.00	24.12			12.72	15.00	5.79
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	0.00	0.00	41.00	13.44			
15	45-49	Current MRTP	305.00	28.16					
15	45-49	Current Dual	0.00	0.00					
15	45-49	Former	300.00	27.70			14.63	12.00	4.00
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	0.00	0.00	36.00	14.29			
15	50-54	Current MRTP	252.00	25.90					
15	50-54	Current Dual	0.00	0.00					
15	50-54	Former	315.00	32.37			18.41	15.00	4.76
Year of Follow-up: 2005, Age Group: 55-59									
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	0.00	0.00	39.00	16.88			
15	55-59	Current MRTP	231.00	26.89					
15	55-59	Current Dual	0.00	0.00					
15	55-59	Former	320.00	37.25			20.42	21.00	6.56
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	0.00	0.00	42.00	22.22			
15	60-64	Current MRTP	189.00	30.00					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	249.00	39.52			23.19	13.00	5.22
Year of Follow-up: 2005, Age Group: 65-69									
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	0.00	0.00	32.00	23.19			
15	65-69	Current MRTP	138.00	26.34					
15	65-69	Current Dual	0.00	0.00					
15	65-69	Former	231.00	44.08			23.03	7.00	3.03
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	0.00	0.00	43.00	33.33			
15	70-74	Current MRTP	129.00	25.05					
15	70-74	Current Dual	0.00	0.00					
15	70-74	Former	245.00	47.57			25.54	10.00	4.08
Year of Follow-up: 2005, Age Group: 75-79									
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	0.00	0.00	50.00	38.46			
15	75-79	Current MRTP	130.00	26.00					
15	75-79	Current Dual	0.00	0.00					
15	75-79	Former	250.00	50.00			27.33	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	3720.00	44.14					
20	All Ages	Current CC	0.00	0.00	424.00	18.17			

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	2334.00	27.70					
20	All Ages	Current Dual	0.00	0.00					
20	All Ages	Former	2373.00	28.16			20.07	125.00	5.27

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	0.00	0.00	5.00	1.85			
20	30-34	Current MRTP	271.00	30.25					
20	30-34	Current Dual	0.00	0.00					
20	30-34	Former	78.00	8.71			5.79	17.00	21.79

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	0.00	0.00	17.00	5.94			
20	35-39	Current MRTP	286.00	31.26					
20	35-39	Current Dual	0.00	0.00					
20	35-39	Former	114.00	12.46			8.22	15.00	13.16

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	490.00	51.15					
20	40-44	Current CC	0.00	0.00	28.00	9.89			
20	40-44	Current MRTP	283.00	29.54					
20	40-44	Current Dual	0.00	0.00					
20	40-44	Former	185.00	19.31			13.69	9.00	4.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	0.00	0.00	39.00	12.62			
20	45-49	Current MRTP	309.00	28.77					
20	45-49	Current Dual	0.00	0.00					
20	45-49	Former	277.00	25.79			15.89	16.00	5.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	0.00	0.00	55.00	19.23			
20	50-54	Current MRTP	286.00	26.41					
20	50-54	Current Dual	0.00	0.00					
20	50-54	Former	319.00	29.46			17.66	9.00	2.82

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	406.00	41.73					
20	55-59	Current CC	0.00	0.00	52.00	21.85			
20	55-59	Current MRTP	238.00	24.46					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	329.00	33.81			21.40	11.00	3.34

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

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	0.00	0.00	58.00	26.01			
20	60-64	Current MRTP	223.00	25.96					

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	0.00	0.00					
20	60-64	Former	328.00	38.18			23.01	13.00	3.96

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	0.00	0.00	55.00	31.79			
20	65-69	Current MRTP	173.00	27.46					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	265.00	42.06			24.49	15.00	5.66

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

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	0.00	0.00	51.00	36.96			
20	70-74	Current MRTP	138.00	26.34					
20	70-74	Current Dual	0.00	0.00					
20	70-74	Former	231.00	44.08			25.99	9.00	3.90

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

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	0.00	0.00	64.00	50.39			
20	75-79	Current MRTP	127.00	24.66					
20	75-79	Current Dual	0.00	0.00					
20	75-79	Former	247.00	47.96			26.64	11.00	4.45

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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	121194.026	2938.557	0.938	2.367	4845.61	1920.39	1874.93	45.461
1992	308577	122151.628	116308.796	5842.832	1.893	4.783	4692.62	1857.60	1768.74	88.854
1993	311713	123286.705	114490.160	8796.545	2.822	7.135	4656.77	1841.81	1710.40	131.414
1994	305700	120520.580	109137.297	11383.28	3.724	9.445	4482.57	1767.23	1600.31	166.916
1995	303225	118721.555	104809.089	13912.47	4.588	11.719	4361.58	1707.69	1507.57	200.116
1996	299559	116669.104	100391.842	16277.26	5.434	13.952	4242.85	1652.46	1421.92	230.546
1997	294226	114762.007	96492.328	18269.68	6.209	15.920	4100.64	1599.44	1344.82	254.625
1998	289258	113184.896	93014.188	20170.71	6.973	17.821	3966.28	1551.98	1275.40	276.579
1999	311002	117287.483	92631.580	24655.90	7.928	21.022	4198.14	1583.24	1250.41	332.824
2000	303786	115259.843	89051.996	26207.85	8.627	22.738	4041.13	1533.25	1184.62	348.631
2001	296294	113399.971	85651.654	27748.32	9.365	24.469	3890.54	1489.02	1124.66	364.354
2002	291898	112157.227	82618.113	29539.11	10.120	26.337	3789.34	1455.99	1072.53	383.469
2003	285865	110970.158	79942.424	31027.73	10.854	27.960	3671.31	1425.17	1026.68	398.483
2004	274177	107850.497	76192.883	31657.61	11.546	29.353	3481.92	1369.65	967.615	402.037
2005	272379	108175.873	74961.189	33214.68	12.194	30.704	3417.44	1357.24	940.512	416.733
2006	264118	104906.156	70948.122	33958.03	12.857	32.370	3281.83	1303.52	881.574	421.949
2007	258419	103314.091	68557.814	34756.28	13.450	33.641	3176.05	1269.76	842.598	427.166
2008	259461	104187.099	67885.767	36301.33	13.991	34.842	3150.91	1265.26	824.410	440.846
2009	253907	102086.558	65118.009	36968.55	14.560	36.213	3045.20	1224.36	780.985	443.378

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

Age Group:All Year	Number Deaths	Null 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	2278853.977	1835227.236	443626.7	7.630	19.467	3927.78	1539.55	1239.84	299.705

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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_16_Extreme_situations.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	62689.843	378.943	0.483	0.601	1213.84	975.702	969.840	5.862
1992	77987	62537.493	61750.667	786.826	1.009	1.258	1185.97	951.026	939.060	11.965
1993	78542	62886.972	61642.535	1244.436	1.584	1.979	1173.36	939.486	920.895	18.591
1994	77437	61813.982	60117.209	1696.773	2.191	2.745	1135.48	906.396	881.516	24.880
1995	76904	61156.879	58969.358	2187.521	2.844	3.577	1106.18	879.678	848.213	31.465
1996	76232	60397.726	57669.351	2728.375	3.579	4.517	1079.72	855.453	816.809	38.644
1997	75473	59569.721	56328.601	3241.120	4.294	5.441	1051.87	830.225	785.053	45.172
1998	75381	59325.025	55431.781	3893.244	5.165	6.563	1033.62	813.459	760.075	53.384
1999	73159	57443.426	53035.784	4407.642	6.025	7.673	987.557	775.416	715.918	59.498
2000	73784	57779.637	52705.916	5073.722	6.876	8.781	981.515	768.616	701.123	67.493
2001	73294	57289.807	51553.789	5736.018	7.826	10.012	962.399	752.253	676.936	75.318
2002	72442	56530.269	50170.720	6359.549	8.779	11.250	940.422	733.861	651.303	82.558
2003	71942	56041.725	49023.521	7018.203	9.755	12.523	923.937	719.733	629.599	90.133
2004	71301	55437.663	47779.291	7658.371	10.741	13.814	905.490	704.033	606.775	97.258
2005	70964	55079.492	46767.198	8312.294	11.713	15.091	890.360	691.063	586.771	104.291
2006	69658	53912.723	45054.292	8858.432	12.717	16.431	865.543	669.899	559.827	110.071
2007	68565	52935.705	43520.879	9414.826	13.731	17.785	842.687	650.597	534.886	115.711
2008	68226	52636.151	42503.299	10132.85	14.852	19.251	828.542	639.217	516.163	123.054
2009	67509	51995.334	41234.941	10760.39	15.939	20.695	809.661	623.600	494.547	129.054

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

Age Group:All Year	Number Deaths	Null 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	1161282.921	1061393.383	99889.54	6.767	8.602	997.213	784.540	717.056	67.483

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	34989.386	2077.998	1.237	5.606	2599.72	573.449	541.301	32.148
1992	164548	35866.781	31755.581	4111.200	2.498	11.462	2502.33	545.437	482.916	62.520
1993	164362	35467.924	29378.384	6089.540	3.705	17.169	2455.45	529.865	438.892	90.973
1994	159866	34313.900	26566.398	7747.503	4.846	22.578	2344.16	503.155	389.551	113.604
1995	158083	33560.546	24244.605	9315.942	5.893	27.759	2273.86	482.733	348.733	134.000
1996	154875	32471.976	21805.778	10666.20	6.887	32.847	2193.60	459.922	308.850	151.072
1997	149970	31233.206	19547.797	11685.41	7.792	37.413	2090.14	435.298	272.438	162.860
1998	145407	29937.242	17468.663	12468.58	8.575	41.649	1993.81	410.496	239.528	170.968
1999	165952	34533.692	18690.768	15842.92	9.547	45.877	2240.15	466.162	252.302	213.860
2000	160260	33411.616	16996.598	16415.02	10.243	49.130	2131.87	444.459	226.098	218.361
2001	154444	32257.205	15328.706	16928.50	10.961	52.480	2027.95	423.559	201.276	222.282
2002	151887	32032.046	14295.681	17736.37	11.677	55.371	1971.76	415.831	185.583	230.249
2003	146733	31244.228	13090.834	18153.39	12.372	58.102	1884.46	401.263	168.123	233.140
2004	138381	29729.236	11755.054	17974.18	12.989	60.460	1757.38	377.548	149.284	228.264
2005	135881	29331.893	11000.891	18331.00	13.490	62.495	1704.85	368.017	138.024	229.993
2006	131922	28662.546	10185.765	18476.78	14.006	64.463	1639.21	356.150	126.564	229.585
2007	126502	27639.878	9360.990	18278.89	14.449	66.132	1554.75	339.703	115.050	224.654
2008	125859	27367.714	8924.296	18443.42	14.654	67.391	1528.44	332.356	108.377	223.978
2009	122428	26704.886	8403.429	18301.46	14.949	68.532	1468.33	320.282	100.786	219.496

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	641216.800	382172.500	259044.3	8.644	40.399	2024.64	433.193	258.188	175.005

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

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

Results for PHIM for Run 3 (APPENDIX_16_Extreme_situations.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	4206.620	281.363	0.863	6.269	504.630	69.431	65.078	4.353
1992	32100	4371.697	3829.290	542.407	1.690	12.407	488.154	66.482	58.233	8.249
1993	32896	4415.220	3601.330	813.890	2.474	18.434	491.442	65.960	53.801	12.159
1994	33323	4478.153	3403.791	1074.362	3.224	23.991	488.625	65.664	49.911	15.754
1995	33569	4481.254	3174.557	1306.697	3.893	29.159	482.855	64.458	45.663	18.795
1996	33870	4494.728	2955.601	1539.127	4.544	34.243	479.723	63.662	41.862	21.800
1997	33516	4454.615	2724.359	1730.256	5.162	38.842	467.113	62.084	37.969	24.115
1998	32795	4326.394	2469.221	1857.173	5.663	42.927	449.682	59.323	33.858	25.465
1999	33375	4250.651	2263.760	1986.890	5.953	46.743	450.521	57.379	30.558	26.821
2000	33459	4331.069	2173.461	2157.608	6.449	49.817	445.090	57.614	28.913	28.702
2001	32275	4167.444	1969.939	2197.506	6.809	52.730	423.792	54.721	25.867	28.855
2002	31586	4116.323	1839.973	2276.351	7.207	55.301	410.041	53.437	23.886	29.551
2003	30985	4133.756	1741.643	2392.112	7.720	57.868	397.934	53.089	22.368	30.721
2004	29884	4072.740	1634.619	2438.121	8.159	59.864	379.513	51.722	20.759	30.963
2005	28708	3984.967	1525.868	2459.098	8.566	61.709	360.189	49.998	19.145	30.853
2006	28188	4014.319	1467.530	2546.789	9.035	63.443	350.253	49.880	18.235	31.645
2007	28026	4009.680	1398.282	2611.397	9.318	65.127	344.449	49.280	17.185	32.095
2008	27128	3871.379	1298.237	2573.142	9.485	66.466	329.444	47.014	15.766	31.248
2009	27068	3886.707	1253.163	2633.544	9.729	67.758	324.637	46.615	15.030	31.585

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84936.674	49518.840	35417.83	5.638	41.699	424.421	57.382	33.454	23.928

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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	19308.177	200.254	0.587	1.026	527.418	301.804	298.706	3.098
1992	33942	19375.657	18973.257	402.400	1.186	2.077	516.166	294.651	288.532	6.119
1993	35913	20516.589	19867.911	648.679	1.806	3.162	536.514	306.503	296.812	9.691
1994	35074	19914.545	19049.900	864.645	2.465	4.342	514.300	292.013	279.334	12.679
1995	34669	19522.876	18420.570	1102.306	3.180	5.646	498.677	280.816	264.961	15.856
1996	34582	19304.674	17961.113	1343.561	3.885	6.960	489.808	273.425	254.395	19.030
1997	35267	19504.466	17891.571	1612.895	4.573	8.269	491.517	271.834	249.355	22.479
1998	35675	19596.235	17644.523	1951.712	5.471	9.960	489.172	268.702	241.940	26.762
1999	38516	21059.714	18641.267	2418.447	6.279	11.484	519.919	284.280	251.634	32.646
2000	36283	19737.521	17176.022	2561.500	7.060	12.978	482.656	262.559	228.485	34.074
2001	36281	19685.515	16799.221	2886.294	7.955	14.662	476.394	258.484	220.585	37.899
2002	35983	19478.588	16311.738	3166.849	8.801	16.258	467.122	252.866	211.755	41.111
2003	36205	19550.450	16086.426	3464.024	9.568	17.718	464.974	251.083	206.595	44.488
2004	34611	18610.859	15023.919	3586.940	10.364	19.273	439.544	236.349	190.797	45.553
2005	36826	19779.522	15667.232	4112.289	11.167	20.791	462.043	248.167	196.571	51.595
2006	34350	18316.567	14240.535	4076.032	11.866	22.253	426.820	227.595	176.947	50.647
2007	35326	18728.828	14277.663	4451.165	12.600	23.766	434.168	230.183	175.477	54.706
2008	38248	20311.855	15159.934	5151.921	13.470	25.364	464.487	246.669	184.103	62.565
2009	36902	19499.632	14226.477	5273.155	14.290	27.042	442.580	233.867	170.624	63.243

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	712738	391417.581	342142.513	49275.07	6.913	12.589	481.512	264.434	231.145	33.289

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	1
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	EXTREME2
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_16_Extreme_situations
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 4, Scenario: STP_NULL

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

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

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.RTF)

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

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STP values for Run: 4, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		EXTREME2

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-3	0.000000	0.002000	0.000000	0.999500	0.000000	0.000500	0.000000	0.000240	0.000000
15-19	1-3	0.000000	0.003500	0.000000	0.998500	0.000000	0.001500	0.000000	0.000720	0.000000
20-24	1-3	0.000000	0.002000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
25-29	1-3	0.000000	0.001000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
30-34	1-3	0.000000	0.000500	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
35-39	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
40-44	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
45-49	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
50-54	1-3	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
55-59	1-3	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
60-64	1-3	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
65-69	1-3	0.000000	0.000000	0.000000	0.997000	0.000000	0.003000	0.000000	0.001440	0.000000
70-74	1-3	0.000000	0.000000	0.000000	0.996500	0.000000	0.003500	0.000000	0.001680	0.000000
75-79	1-3	0.000000	0.000000	0.000000	0.996000	0.000000	0.004000	0.000000	0.001920	0.000000
10-14	4+	0.000000	0.002000	0.000000	0.999500	0.000000	0.000500	0.000000	0.000240	0.000000
15-19	4+	0.000000	0.003500	0.000000	0.998500	0.000000	0.001500	0.000000	0.000720	0.000000
20-24	4+	0.000000	0.002000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
25-29	4+	0.000000	0.001000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
30-34	4+	0.000000	0.000500	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
35-39	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
40-44	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
45-49	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
50-54	4+	0.000000	0.000000	0.000000	0.998000	0.000000	0.002000	0.000000	0.000960	0.000000
55-59	4+	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
60-64	4+	0.000000	0.000000	0.000000	0.997500	0.000000	0.002500	0.000000	0.001200	0.000000
65-69	4+	0.000000	0.000000	0.000000	0.997000	0.000000	0.003000	0.000000	0.001440	0.000000
70-74	4+	0.000000	0.000000	0.000000	0.996500	0.000000	0.003500	0.000000	0.001680	0.000000
75-79	4+	0.000000	0.000000	0.000000	0.996000	0.000000	0.004000	0.000000	0.001920	0.000000

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-3	0.000000	0.000000	0.000500	0.000000	0.999500	0.000500
15-19	1-3	0.000000	0.000000	0.001500	0.000000	0.998500	0.001500
20-24	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
25-29	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
30-34	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
35-39	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
40-44	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
45-49	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
50-54	1-3	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
55-59	1-3	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
60-64	1-3	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
65-69	1-3	0.000000	0.000000	0.003000	0.000000	0.997000	0.003000
70-74	1-3	0.000000	0.000000	0.003500	0.000000	0.996500	0.003500
75-79	1-3	0.000000	0.000000	0.004000	0.000000	0.996000	0.004000
10-14	4+	0.000000	0.000000	0.000500	0.000000	0.999500	0.000500
15-19	4+	0.000000	0.000000	0.001500	0.000000	0.998500	0.001500
20-24	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
25-29	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
30-34	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
35-39	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
40-44	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
45-49	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
50-54	4+	0.000000	0.000000	0.002000	0.000000	0.998000	0.002000
55-59	4+	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
60-64	4+	0.000000	0.000000	0.002500	0.000000	0.997500	0.002500
65-69	4+	0.000000	0.000000	0.003000	0.000000	0.997000	0.003000
70-74	4+	0.000000	0.000000	0.003500	0.000000	0.996500	0.003500
75-79	4+	0.000000	0.000000	0.004000	0.000000	0.996000	0.004000

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.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_16_Extreme_situations.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	2237.00	24.64	128.00	5.72			
5	All Ages	Former	1982.00	21.83			14.78	113.00	5.70

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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	329.00	29.32	17.00	5.17			
5	35-39	Former	234.00	20.86			8.32	15.00	6.41

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

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	231.00	23.81	20.00	8.66			
5	40-44	Former	242.00	24.95			11.50	16.00	6.61

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

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	198.00	24.41	12.00	6.06			
5	45-49	Former	191.00	23.55			11.78	7.00	3.66

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

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_16_Extreme_situations.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	58.00	11.93	16.00	27.59			
5	75-79	Former	161.00	33.13			27.06	2.00	1.24

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2233.00	24.51	221.00	9.90			
10	All Ages	Former	2014.00	22.11			16.01	137.00	6.80

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	263.00	31.65	26.00	9.89			
10	30-34	Former	146.00	17.57			8.83	14.00	9.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	274.00	27.43	17.00	6.20			
10	35-39	Former	210.00	21.02			10.99	14.00	6.67

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

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	301.00	26.83	29.00	9.63			
10	40-44	Former	262.00	23.35			11.69	15.00	5.73

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

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	210.00	21.65	30.00	14.29			
10	45-49	Former	263.00	27.11			14.60	14.00	5.32

Year of Follow-up: 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	188.00	23.18	25.00	13.30			
10	50-54	Former	201.00	24.78			15.02	13.00	6.47

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

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	147.00	23.67	17.00	11.56			
10	55-59	Former	173.00	27.86			19.09	8.00	4.62

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

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_16_Extreme_situations.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	93.00	17.35	18.00	19.35			
10	70-74	Former	183.00	34.14			22.77	9.00	4.92

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

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	75.00	13.91	25.00	33.33			
10	75-79	Former	184.00	34.14			25.77	11.00	5.98

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2115.00	24.68	316.00	14.94			
15	All Ages	Former	1964.00	22.92			17.55	110.00	5.60

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	279.00	33.06	14.00	5.02			
15	30-34	Former	92.00	10.90			7.43	14.00	15.22

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	245.00	29.48	32.00	13.06			
15	35-39	Former	173.00	20.82			11.34	12.00	6.94

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

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	263.00	26.33	35.00	13.31			
15	40-44	Former	221.00	22.12			14.22	13.00	5.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	277.00	24.69	39.00	14.08			
15	45-49	Former	286.00	25.49			14.89	13.00	4.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	203.00	20.93	41.00	20.20			
15	50-54	Former	270.00	27.84			18.15	9.00	3.33

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

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	177.00	21.82	37.00	20.90			
15	55-59	Former	212.00	26.14			18.02	9.00	4.25

Year of Follow-up: 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_16_Extreme_situations.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	138.00	22.22	27.00	19.57			
15	60-64	Former	182.00	29.31			21.84	6.00	3.30
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	125.00	23.36	25.00	20.00			
15	65-69	Former	158.00	29.53			21.89	5.00	3.16
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	94.00	19.26	32.00	34.04			
15	70-74	Former	144.00	29.51			24.57	7.00	4.86
Year of Follow-up: 2005, Age Group: 75-79									
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	91.00	16.98	33.00	36.26			
15	75-79	Former	185.00	34.51			24.57	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	4198.00	52.25					
20	All Ages	Current	1922.00	23.92	350.00	18.21			
20	All Ages	Former	1914.00	23.82			19.27	98.00	5.12
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	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	223.00	27.43	5.00	2.24			
20	30-34	Former	65.00	8.00			6.42	13.00	20.00
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	270.00	31.99	16.00	5.93			
20	35-39	Former	110.00	13.03			10.48	11.00	10.00
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	230.00	27.68	36.00	15.65			
20	40-44	Former	188.00	22.62			14.65	8.00	4.26
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	243.00	24.32	41.00	16.87			
20	45-49	Former	241.00	24.12			17.00	12.00	4.98
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	266.00	23.71	55.00	20.68			
20	50-54	Former	297.00	26.47			18.16	8.00	2.69
Year of Follow-up: 2010, Age Group: 55-59									
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	187.00	19.28	47.00	25.13			
20	55-59	Former	286.00	29.48			21.10	11.00	3.85

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.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	167.00	20.59	46.00	27.54			
20	60-64	Former	222.00	27.37			20.30	11.00	4.95

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

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	130.00	20.93	34.00	26.15			
20	65-69	Former	190.00	30.60			24.24	8.00	4.21

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

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	118.00	22.06	33.00	27.97			
20	70-74	Former	165.00	30.84			24.02	8.00	4.85

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

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	88.00	18.03	37.00	42.05			
20	75-79	Former	150.00	30.74			26.37	8.00	5.33

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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_16_Extreme_situations.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	0.00	0.00	122.00	5.37			
5	All Ages	Current MRTP	2273.00	25.03					
5	All Ages	Current Dual	0.00	0.00					
5	All Ages	Former	1921.00	21.16			15.17	101.00	5.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	0.00	0.00	0.00	0.00			
5	18-19	Current MRTP	43.00	14.43					
5	18-19	Current Dual	0.00	0.00					
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 4 (APPENDIX_16_Extreme_situations.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	0.00	0.00	3.00	1.15			
5	20-24	Current MRTP	262.00	31.04					
5	20-24	Current Dual	0.00	0.00					
5	20-24	Former	24.00	2.84			2.92	9.00	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	463.00	55.72					
5	25-29	Current CC	0.00	0.00	10.00	4.20			
5	25-29	Current MRTP	238.00	28.64					
5	25-29	Current Dual	0.00	0.00					
5	25-29	Former	130.00	15.64			5.49	12.00	9.23
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	0.00	0.00	11.00	3.56			
5	30-34	Current MRTP	309.00	30.93					
5	30-34	Current Dual	0.00	0.00					
5	30-34	Former	168.00	16.82			8.17	10.00	5.95
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	0.00	0.00	10.00	3.00			
5	35-39	Current MRTP	333.00	29.68					
5	35-39	Current Dual	0.00	0.00					
5	35-39	Former	228.00	20.32			8.74	13.00	5.70
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	0.00	0.00	10.00	4.44			
5	40-44	Current MRTP	225.00	23.20					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	248.00	25.57			11.71	12.00	4.84
Year of Follow-up: 1995, Age Group: 45-49									
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	0.00	0.00	9.00	4.66			
5	45-49	Current MRTP	193.00	23.80					
5	45-49	Current Dual	0.00	0.00					
5	45-49	Former	196.00	24.17			11.58	11.00	5.61
Year of Follow-up: 1995, Age Group: 50-54									
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	0.00	0.00	10.00	6.29			
5	50-54	Current MRTP	159.00	25.60					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	161.00	25.93			15.75	9.00	5.59
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	0.00	0.00	7.00	5.30			
5	55-59	Current MRTP	132.00	24.67					
5	55-59	Current Dual	0.00	0.00					
5	55-59	Former	151.00	28.22			15.35	6.00	3.97
Year of Follow-up: 1995, Age Group: 60-64									
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	0.00	0.00	7.00	6.54			
5	60-64	Current MRTP	107.00	21.93					
5	60-64	Current Dual	0.00	0.00					
5	60-64	Former	131.00	26.84			21.33	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	0.00	0.00	16.00	13.33			
5	65-69	Current MRTP	120.00	22.39					
5	65-69	Current Dual	0.00	0.00					
5	65-69	Former	156.00	29.10			21.78	7.00	4.49
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 4 (APPENDIX_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	0.00	0.00	15.00	16.85			
5	70-74	Current MRTP	89.00	16.51					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	170.00	31.54			25.44	4.00	2.35

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

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	0.00	0.00	14.00	22.22			
5	75-79	Current MRTP	63.00	12.96					
5	75-79	Current Dual	0.00	0.00					
5	75-79	Former	156.00	32.10			28.46	2.00	1.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	0.00	0.00	212.00	9.26			
10	All Ages	Current MRTP	2289.00	25.13					
10	All Ages	Current Dual	0.00	0.00					
10	All Ages	Former	1922.00	21.10			16.65	107.00	5.57

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	0.00	0.00	0.00	0.00			
10	20-24	Current MRTP	197.00	24.23					
10	20-24	Current Dual	0.00	0.00					
10	20-24	Former	15.00	1.85			2.80	5.00	33.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	0.00	0.00	7.00	2.61			
10	25-29	Current MRTP	268.00	31.75					
10	25-29	Current Dual	0.00	0.00					
10	25-29	Former	53.00	6.28			4.57	13.00	24.53

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	0.00	0.00	18.00	7.44			
10	30-34	Current MRTP	242.00	29.12					
10	30-34	Current Dual	0.00	0.00					
10	30-34	Former	148.00	17.81			9.05	11.00	7.43

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	0.00	0.00	25.00	8.17			
10	35-39	Current MRTP	306.00	30.63					
10	35-39	Current Dual	0.00	0.00					
10	35-39	Former	183.00	18.32			11.43	8.00	4.37

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	0.00	0.00	23.00	7.37			
10	40-44	Current MRTP	312.00	27.81					
10	40-44	Current Dual	0.00	0.00					
10	40-44	Former	249.00	22.19			12.07	12.00	4.82

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	497.00	51.24					
10	45-49	Current CC	0.00	0.00	21.00	10.14			
10	45-49	Current MRTP	207.00	21.34					
10	45-49	Current Dual	0.00	0.00					
10	45-49	Former	266.00	27.42			15.13	14.00	5.26

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

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

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	0.00	0.00	18.00	9.94			
10	50-54	Current MRTP	181.00	22.32					
10	50-54	Current Dual	0.00	0.00					
10	50-54	Former	208.00	25.65			14.78	13.00	6.25
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	301.00	48.47					
10	55-59	Current CC	0.00	0.00	18.00	12.24			
10	55-59	Current MRTP	147.00	23.67					
10	55-59	Current Dual	0.00	0.00					
10	55-59	Former	173.00	27.86			18.54	7.00	4.05
Year of Follow-up: 2000, Age Group: 60-64									
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	0.00	0.00	14.00	10.94			
10	60-64	Current MRTP	128.00	23.93					
10	60-64	Current Dual	0.00	0.00					
10	60-64	Former	155.00	28.97			19.12	3.00	1.94
Year of Follow-up: 2000, Age Group: 65-69									
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	0.00	0.00	12.00	12.12			
10	65-69	Current MRTP	99.00	20.29					
10	65-69	Current Dual	0.00	0.00					
10	65-69	Former	139.00	28.48			23.76	4.00	2.88
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	0.00	0.00	23.00	21.10			
10	70-74	Current MRTP	109.00	20.34					
10	70-74	Current Dual	0.00	0.00					
10	70-74	Former	167.00	31.16			24.09	9.00	5.39
Year of Follow-up: 2000, Age Group: 75-79									
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	0.00	0.00	33.00	35.48			
10	75-79	Current MRTP	93.00	17.25					
10	75-79	Current Dual	0.00	0.00					
10	75-79	Former	166.00	30.80			28.23	8.00	4.82
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	0.00	0.00	283.00	13.32			
15	All Ages	Current MRTP	2125.00	24.80					
15	All Ages	Current Dual	0.00	0.00					
15	All Ages	Former	1922.00	22.43			17.87	116.00	6.04
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	0.00	0.00	2.00	0.87			
15	25-29	Current MRTP	229.00	28.17					
15	25-29	Current Dual	0.00	0.00					
15	25-29	Former	38.00	4.67			3.84	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	0.00	0.00	12.00	4.40			
15	30-34	Current MRTP	273.00	32.35					
15	30-34	Current Dual	0.00	0.00					
15	30-34	Former	81.00	9.60			6.31	19.00	23.46
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	0.00	0.00	30.00	12.82			
15	35-39	Current MRTP	234.00	28.16					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	163.00	19.61			12.36	4.00	2.45
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	0.00	0.00	36.00	12.59			
15	40-44	Current MRTP	286.00	28.63					
15	40-44	Current Dual	0.00	0.00					
15	40-44	Former	203.00	20.32			14.28	12.00	5.91
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	0.00	0.00	34.00	11.60			
15	45-49	Current MRTP	293.00	26.11					
15	45-49	Current Dual	0.00	0.00					
15	45-49	Former	268.00	23.89			15.31	12.00	4.48
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	0.00	0.00	31.00	16.32			
15	50-54	Current MRTP	190.00	19.59					
15	50-54	Current Dual	0.00	0.00					
15	50-54	Former	283.00	29.18			18.20	11.00	3.89
Year of Follow-up: 2005, Age Group: 55-59									
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	0.00	0.00	25.00	14.71			
15	55-59	Current MRTP	170.00	20.96					
15	55-59	Current Dual	0.00	0.00					
15	55-59	Former	219.00	27.00			17.97	12.00	5.48
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	0.00	0.00	27.00	20.00			
15	60-64	Current MRTP	135.00	21.74					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	185.00	29.79			21.08	8.00	4.32
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	0.00	0.00	24.00	20.17			
15	65-69	Current MRTP	119.00	22.24					
15	65-69	Current Dual	0.00	0.00					
15	65-69	Former	164.00	30.65			21.87	8.00	4.88
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	0.00	0.00	26.00	27.66			
15	70-74	Current MRTP	94.00	19.26					
15	70-74	Current Dual	0.00	0.00					
15	70-74	Former	144.00	29.51			25.01	6.00	4.17
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	0.00	0.00	36.00	35.29			
15	75-79	Current MRTP	102.00	19.03					
15	75-79	Current Dual	0.00	0.00					
15	75-79	Former	174.00	32.46			25.80	10.00	5.75
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	0.00	0.00	326.00	17.05			

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	1912.00	23.80					
20	All Ages	Current Dual	0.00	0.00					
20	All Ages	Former	1896.00	23.60			19.41	102.00	5.38

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	0.00	0.00	4.00	1.75			
20	30-34	Current MRTP	228.00	28.04					
20	30-34	Current Dual	0.00	0.00					
20	30-34	Former	64.00	7.87			5.81	12.00	18.75

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	0.00	0.00	16.00	6.32			
20	35-39	Current MRTP	253.00	29.98					
20	35-39	Current Dual	0.00	0.00					
20	35-39	Former	113.00	13.39			8.15	18.00	15.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	0.00	0.00	35.00	16.59			
20	40-44	Current MRTP	211.00	25.39					
20	40-44	Current Dual	0.00	0.00					
20	40-44	Former	186.00	22.38			15.01	6.00	3.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	0.00	0.00	39.00	14.39			
20	45-49	Current MRTP	271.00	27.13					
20	45-49	Current Dual	0.00	0.00					
20	45-49	Former	218.00	21.82			17.13	10.00	4.59

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	0.00	0.00	44.00	16.12			
20	50-54	Current MRTP	273.00	24.33					
20	50-54	Current Dual	0.00	0.00					
20	50-54	Former	288.00	25.67			18.09	14.00	4.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	0.00	0.00	34.00	19.77			
20	55-59	Current MRTP	172.00	17.73					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	301.00	31.03			20.89	14.00	4.65

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

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	0.00	0.00	46.00	27.22			
20	60-64	Current MRTP	169.00	20.84					

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	0.00	0.00					
20	60-64	Former	220.00	27.13			21.47	6.00	2.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	0.00	0.00	35.00	27.13			
20	65-69	Current MRTP	129.00	20.77					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	191.00	30.76			24.18	5.00	2.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	0.00	0.00	36.00	31.03			
20	70-74	Current MRTP	116.00	21.68					
20	70-74	Current Dual	0.00	0.00					
20	70-74	Former	167.00	31.21			25.34	8.00	4.79

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

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	0.00	0.00	37.00	41.11			
20	75-79	Current MRTP	90.00	18.44					
20	75-79	Current Dual	0.00	0.00					
20	75-79	Former	148.00	30.33			26.43	9.00	6.08

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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	57745.181	1382.680	0.694	2.338	2826.86	839.248	819.622	19.625
1992	198532	60226.648	57487.049	2739.599	1.380	4.549	2778.64	842.929	804.586	38.343
1993	202512	62333.146	58176.591	4156.555	2.052	6.668	2793.47	859.829	802.493	57.336
1994	200658	62695.355	57220.841	5474.514	2.728	8.732	2725.82	851.678	777.310	74.368
1995	201023	63147.760	56380.292	6767.468	3.367	10.717	2687.54	844.241	753.765	90.476
1996	201180	64321.698	56198.768	8122.931	4.038	12.629	2653.67	848.436	741.290	107.146
1997	198639	64566.762	55286.057	9280.706	4.672	14.374	2583.39	839.720	719.021	120.700
1998	197573	65421.536	54957.682	10463.85	5.296	15.995	2533.29	838.837	704.669	134.168
1999	211329	67613.066	55064.632	12548.43	5.938	18.559	2673.14	855.251	696.523	158.728
2000	208496	68267.415	54533.968	13733.45	6.587	20.117	2604.20	852.689	681.152	171.537
2001	203606	68395.693	53460.821	14934.87	7.335	21.836	2514.65	844.726	660.272	184.454
2002	200828	69111.439	52967.142	16144.30	8.039	23.360	2455.47	845.008	647.616	197.392
2003	196352	68881.795	51704.140	17177.66	8.748	24.938	2377.49	834.043	626.050	207.993
2004	188160	67523.869	49630.048	17893.82	9.510	26.500	2254.66	809.117	594.701	214.416
2005	186416	68069.269	49080.616	18988.65	10.186	27.896	2208.07	806.271	581.353	224.918
2006	180088	66888.390	47058.583	19829.81	11.011	29.646	2113.55	785.014	552.288	232.726
2007	175644	66283.868	45806.886	20476.98	11.658	30.893	2039.92	769.818	531.999	237.819
2008	177570	67506.385	45619.952	21886.43	12.326	32.421	2039.03	775.172	523.852	251.321
2009	172806	67036.302	44423.844	22612.46	13.085	33.732	1961.22	760.813	504.178	256.635

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	1304718.848	1060103.682	244615.2	6.272	18.748	2465.77	824.819	670.178	154.641

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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_16_Extreme_situations.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	31236.868	293.150	0.671	0.930	620.154	447.530	443.369	4.161
1992	45423	32811.490	32204.245	607.245	1.337	1.851	635.738	459.228	450.729	8.499
1993	46291	33467.818	32524.690	943.127	2.037	2.818	638.542	461.658	448.648	13.010
1994	47017	33989.886	32691.480	1298.405	2.762	3.820	638.697	461.732	444.094	17.638
1995	47840	34570.137	32887.617	1682.520	3.517	4.867	639.587	462.178	439.684	22.494
1996	48244	34999.456	32944.180	2055.275	4.260	5.872	636.363	461.661	434.550	27.110
1997	49035	35552.840	33061.262	2491.578	5.081	7.008	637.723	462.381	429.977	32.404
1998	49686	36145.434	33202.792	2942.642	5.922	8.141	637.076	463.458	425.727	37.731
1999	48883	35517.504	32183.326	3334.178	6.821	9.387	618.331	449.268	407.093	42.175
2000	50331	36592.315	32688.836	3903.479	7.756	10.667	628.656	457.054	408.297	48.756
2001	50389	36759.775	32347.014	4412.762	8.757	12.004	622.333	454.004	399.504	54.500
2002	51445	37660.100	32649.817	5010.283	9.739	13.304	629.005	460.461	399.201	61.259
2003	51408	37596.861	32049.106	5547.755	10.792	14.756	622.464	455.235	388.061	67.174
2004	51399	37577.191	31486.094	6091.096	11.851	16.210	615.898	450.276	377.288	72.988
2005	51421	37549.882	30948.355	6601.527	12.838	17.581	609.074	444.773	366.579	78.194
2006	51355	37488.684	30244.012	7244.672	14.107	19.325	602.712	439.974	354.949	85.025
2007	51839	37697.095	29837.531	7859.564	15.161	20.849	602.056	437.812	346.532	91.281
2008	50976	37103.477	28843.044	8260.433	16.205	22.263	585.355	426.057	331.203	94.854
2009	51193	37331.692	28440.014	8891.678	17.369	23.818	581.003	423.688	322.774	100.914

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

Age Group:All Year	Number Deaths	Null 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	712587.025	633115.654	79471.37	8.105	11.153	619.890	450.484	400.244	50.240

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	11966.770	696.209	0.722	5.498	1368.32	179.735	169.854	9.882
1992	93721	12338.367	10969.062	1369.305	1.461	11.098	1311.71	172.687	153.522	19.165
1993	93679	12402.517	10374.684	2027.833	2.165	16.350	1292.22	171.081	143.109	27.972
1994	90832	12131.481	9527.544	2603.937	2.867	21.464	1233.90	164.799	129.426	35.373
1995	89698	11965.594	8831.323	3134.271	3.494	26.194	1199.20	159.972	118.069	41.903
1996	88286	12028.829	8307.399	3721.430	4.215	30.938	1164.54	158.666	109.579	49.088
1997	84777	11604.853	7533.739	4071.114	4.802	35.081	1102.56	150.926	97.980	52.947
1998	82517	11356.193	6932.703	4423.489	5.361	38.952	1058.04	145.609	88.891	56.718
1999	93939	13058.570	7437.698	5620.872	5.984	43.044	1188.25	165.180	94.081	71.100
2000	90039	12645.748	6799.517	5846.232	6.493	46.231	1124.63	157.951	84.929	73.022
2001	86119	12398.577	6211.793	6186.784	7.184	49.899	1063.62	153.130	76.719	76.410
2002	83014	12167.320	5710.118	6457.201	7.778	53.070	1014.99	148.767	69.816	78.951
2003	79302	11749.657	5174.770	6574.887	8.291	55.958	960.214	142.269	62.658	79.611
2004	73861	11211.496	4624.662	6586.834	8.918	58.751	885.053	134.344	55.416	78.928
2005	71649	10968.231	4272.318	6695.912	9.345	61.048	848.672	129.917	50.605	79.312
2006	67551	10493.595	3823.221	6670.374	9.875	63.566	792.791	123.155	44.870	78.285
2007	63503	9896.335	3398.397	6497.938	10.232	65.660	737.521	114.936	39.469	75.467
2008	63171	10056.381	3296.837	6759.543	10.700	67.216	725.389	115.477	37.857	77.619
2009	59747	9618.732	3029.456	6589.276	11.029	68.505	678.085	109.166	34.382	74.784

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

Age Group:All Year	Number Deaths	Null 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	233402.216	140868.775	92533.44	5.606	39.645	1043.56	147.553	89.055	58.498

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

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

Results for PHIM for Run 4 (APPENDIX_16_Extreme_situations.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	2901.068	214.948	0.661	6.898	461.369	44.228	41.177	3.051
1992	32560	3095.527	2681.950	413.577	1.270	13.360	455.708	43.325	37.536	5.788
1993	32768	3114.654	2509.500	605.154	1.847	19.429	452.005	42.964	34.616	8.348
1994	33005	3168.991	2373.952	795.039	2.409	25.088	448.353	43.049	32.249	10.800
1995	33730	3201.839	2228.098	973.741	2.887	30.412	450.946	42.806	29.788	13.018
1996	33750	3236.644	2098.450	1138.194	3.372	35.166	445.180	42.693	27.680	15.013
1997	33699	3243.886	1965.151	1278.735	3.795	39.420	438.271	42.188	25.558	16.631
1998	33274	3177.889	1793.740	1384.149	4.160	43.556	426.640	40.747	22.999	17.748
1999	33891	3162.917	1668.073	1494.844	4.411	47.262	428.694	40.008	21.100	18.909
2000	33827	3249.238	1612.300	1636.938	4.839	50.379	422.514	40.584	20.138	20.446
2001	32506	3126.142	1449.467	1676.675	5.158	53.634	401.468	38.610	17.902	20.708
2002	32078	3138.450	1375.689	1762.761	5.495	56.167	392.210	38.373	16.820	21.553
2003	30568	3045.532	1259.887	1785.645	5.842	58.632	370.127	36.876	15.255	21.621
2004	29388	3006.180	1171.193	1834.987	6.244	61.040	352.147	36.022	14.034	21.988
2005	27954	2953.695	1094.435	1859.260	6.651	62.947	331.111	34.986	12.963	22.023
2006	27201	2921.320	1029.873	1891.447	6.954	64.746	319.236	34.285	12.087	22.198
2007	26302	2847.528	956.604	1890.923	7.189	66.406	305.470	33.071	11.110	21.961
2008	25998	2816.392	906.573	1909.819	7.346	67.811	298.534	32.340	10.410	21.930
2009	25040	2767.837	856.639	1911.198	7.633	69.050	284.186	31.413	9.722	21.691

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61583.921	35125.886	26458.04	4.243	42.963	394.195	38.932	22.206	16.726

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11640.474	178.373	0.672	1.509	377.015	167.754	165.222	2.532
1992	26828	11981.263	11631.792	349.471	1.303	2.917	375.483	167.689	162.798	4.891
1993	29774	13348.157	12767.717	580.440	1.949	4.348	410.705	184.126	176.119	8.007
1994	29804	13404.997	12627.865	777.133	2.607	5.797	404.869	182.099	171.542	10.557
1995	29755	13410.189	12433.253	976.936	3.283	7.285	397.803	179.285	166.224	13.061
1996	30900	14056.770	12848.738	1208.032	3.909	8.594	407.587	185.416	169.481	15.935
1997	31128	14165.184	12725.905	1439.279	4.624	10.161	404.834	184.225	165.506	18.718
1998	32096	14742.020	13028.447	1713.573	5.339	11.624	411.536	189.023	167.051	21.971
1999	34616	15874.074	13775.536	2098.539	6.062	13.220	437.865	200.794	174.249	26.545
2000	34299	15780.114	13433.316	2346.798	6.842	14.872	428.409	197.100	167.788	29.313
2001	34592	16111.198	13452.547	2658.652	7.686	16.502	427.231	198.983	166.147	32.836
2002	34291	16145.569	13231.517	2914.052	8.498	18.049	419.268	197.408	161.778	35.629
2003	35074	16489.745	13220.376	3269.369	9.321	19.827	424.687	199.663	160.077	39.587
2004	33512	15729.002	12348.099	3380.903	10.089	21.495	401.564	188.476	147.963	40.512
2005	35392	16597.462	12765.508	3831.953	10.827	23.088	419.213	196.595	151.206	45.389
2006	33981	15984.791	11961.476	4023.315	11.840	25.170	398.807	187.600	140.382	47.218
2007	34000	15842.910	11614.354	4228.556	12.437	26.691	394.875	183.999	134.889	49.110
2008	37425	17530.136	12573.498	4956.638	13.244	28.275	429.749	201.298	144.381	56.917
2009	36826	17318.042	12097.735	5220.306	14.176	30.144	417.948	196.547	137.301	59.247

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

Age Group:All		Null	MRTP			%Drop		Null	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	297145.685	250993.367	46152.32	7.149	15.532	408.132	187.850	158.673	29.177

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	1
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	EXTREME3
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_16_Extreme_situations
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 5, Scenario: STP_NULL

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

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

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.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		EXTREME3

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
10-14	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
10-14	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.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_16_Extreme_situations.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	2683.00	29.24	149.00	5.55			
5	All Ages	Former	2615.00	28.50			15.29	171.00	6.54

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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	264.00	28.85	0.00	0.00			
5	20-24	Former	33.00	3.61			2.73	12.00	36.36

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	318.00	33.19	5.00	1.57			
5	25-29	Former	114.00	11.90			5.14	16.00	14.04

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

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	377.00	35.10	10.00	2.65			
5	30-34	Former	204.00	18.99			6.31	24.00	11.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	356.00	32.87	9.00	2.53			
5	35-39	Former	258.00	23.82			7.66	24.00	9.30

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	296.00	30.42	22.00	7.43			
5	40-44	Former	271.00	27.85			11.91	15.00	5.54

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

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	236.00	27.47	10.00	4.24			
5	45-49	Former	315.00	36.67			13.32	17.00	5.40

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	197.00	31.27	9.00	4.57			
5	50-54	Former	241.00	38.25			17.41	10.00	4.15

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

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	151.00	28.82	12.00	7.95			
5	55-59	Former	218.00	41.60			16.71	10.00	4.59

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

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	130.00	25.24	18.00	13.85			
5	60-64	Former	244.00	47.38			18.36	12.00	4.92

Year of Follow-up: 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_16_Extreme_situations.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	2654.00	28.31	244.00	9.19			
10	All Ages	Former	2632.00	28.07			16.80	167.00	6.34

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	277.00	30.27	3.00	1.08			
10	25-29	Former	71.00	7.76			4.52	13.00	18.31

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	306.00	31.94	9.00	2.94			
10	30-34	Former	149.00	15.55			8.01	13.00	8.72

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	341.00	31.75	15.00	4.40			
10	35-39	Former	244.00	22.72			9.38	18.00	7.38

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

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	325.00	30.01	17.00	5.23			
10	40-44	Former	289.00	26.69			11.08	15.00	5.19

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	274.00	28.16	35.00	12.77			
10	45-49	Former	293.00	30.11			14.69	20.00	6.83

Year of Follow-up: 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	224.00	26.08	28.00	12.50			
10	50-54	Former	327.00	38.07			16.56	18.00	5.50

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

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	193.00	30.63	21.00	10.88			
10	55-59	Former	245.00	38.89			21.04	8.00	3.27

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	133.00	25.38	22.00	16.54			
10	60-64	Former	236.00	45.04			19.01	10.00	4.24

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.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			21.05	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	125.00	25.00	34.00	27.20			
10	70-74	Former	255.00	51.00			24.27	18.00	7.06

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

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	2496.00	27.96	314.00	12.58			
15	All Ages	Former	2555.00	28.62			18.21	147.00	5.75

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	288.00	31.48	5.00	1.74			
15	30-34	Former	91.00	9.95			7.74	6.00	6.59

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

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	278.00	29.02	15.00	5.40			
15	35-39	Former	183.00	19.10			10.48	19.00	10.38

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	315.00	29.33	21.00	6.67			
15	40-44	Former	270.00	25.14			12.83	16.00	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	469.00	43.31					
15	45-49	Current	309.00	28.53	31.00	10.03			
15	45-49	Former	305.00	28.16			14.60	13.00	4.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	250.00	25.69	41.00	16.40			
15	50-54	Former	317.00	32.58			17.32	18.00	5.68

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

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	228.00	26.54	46.00	20.18			
15	55-59	Former	323.00	37.60			20.04	13.00	4.02

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 %

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	174.00	27.62	27.00	15.52			
15	60-64	Former	264.00	41.90			22.92	16.00	6.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	122.00	23.28	31.00	25.41			
15	65-69	Former	247.00	47.14			21.62	10.00	4.05

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

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			24.00	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	126.00	25.20	49.00	38.89			
15	75-79	Former	254.00	50.80			25.48	14.00	5.51

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

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	2275.00	27.00	374.00	16.44			
20	All Ages	Former	2444.00	29.00			19.60	118.00	4.83

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

Period	Age Group	Smoking Group	N	%	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	292.00	32.59	6.00	2.05			
20	30-34	Former	77.00	8.59			6.35	10.00	12.99

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	273.00	29.84	9.00	3.30			
20	35-39	Former	118.00	12.90			10.06	10.00	8.47

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

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	259.00	27.04	18.00	6.95			
20	40-44	Former	202.00	21.09			14.00	8.00	3.96

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	45.53					
20	45-49	Current	298.00	27.75	32.00	10.74			
20	45-49	Former	287.00	26.72			16.21	6.00	2.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	294.00	27.15	44.00	14.97			
20	50-54	Former	320.00	29.55			17.91	16.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	239.00	24.56	61.00	25.52			
20	55-59	Former	328.00	33.71			20.01	15.00	4.57

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.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			22.02	15.00	4.49

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

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			24.26	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	119.00	22.71	43.00	36.13			
20	70-74	Former	250.00	47.71			23.48	13.00	5.20

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

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			25.92	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_16_Extreme_situations.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	0.00	0.00					
5	All Ages	Current CC	0.00	0.00	2411.00	26.27			
5	All Ages	Current MRTP	9177.00	100.00					
5	All Ages	Current Dual	0.00	0.00					
5	All Ages	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	0.00	0.00					
5	18-19	Current CC	0.00	0.00	0.00	0.00			
5	18-19	Current MRTP	339.00	100.00					
5	18-19	Current Dual	0.00	0.00					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.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	0.00	0.00					
5	20-24	Current CC	0.00	0.00	12.00	1.31			
5	20-24	Current MRTP	915.00	100.00					
5	20-24	Current Dual	0.00	0.00					
5	20-24	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	25-29	Current CC	0.00	0.00	82.00	8.56			
5	25-29	Current MRTP	958.00	100.00					
5	25-29	Current Dual	0.00	0.00					
5	25-29	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	0.00	0.00					
5	30-34	Current CC	0.00	0.00	159.00	14.80			
5	30-34	Current MRTP	1074.00	100.00					
5	30-34	Current Dual	0.00	0.00					
5	30-34	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	0.00	0.00					
5	35-39	Current CC	0.00	0.00	223.00	20.59			
5	35-39	Current MRTP	1083.00	100.00					
5	35-39	Current Dual	0.00	0.00					
5	35-39	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	40-44	Current CC	0.00	0.00	258.00	26.52			
5	40-44	Current MRTP	973.00	100.00					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	45-49	Current CC	0.00	0.00	278.00	32.36			
5	45-49	Current MRTP	859.00	100.00					
5	45-49	Current Dual	0.00	0.00					
5	45-49	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	0.00	0.00					
5	50-54	Current CC	0.00	0.00	227.00	36.03			
5	50-54	Current MRTP	630.00	100.00					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	55-59	Current CC	0.00	0.00	210.00	40.08			
5	55-59	Current MRTP	524.00	100.00					
5	55-59	Current Dual	0.00	0.00					
5	55-59	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	0.00	0.00					
5	60-64	Current CC	0.00	0.00	244.00	47.38			
5	60-64	Current MRTP	515.00	100.00					
5	60-64	Current Dual	0.00	0.00					
5	60-64	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 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	0.00	0.00					
5	65-69	Current CC	0.00	0.00	251.00	50.20			
5	65-69	Current MRTP	500.00	100.00					
5	65-69	Current Dual	0.00	0.00					
5	65-69	Former	0.00	0.00			.	0.00	.
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_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	0.00	0.00					
5	70-74	Current CC	0.00	0.00	255.00	56.92			
5	70-74	Current MRTP	448.00	100.00					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	0.00	0.00					
5	75-79	Current CC	0.00	0.00	212.00	59.05			
5	75-79	Current MRTP	359.00	100.00					
5	75-79	Current Dual	0.00	0.00					
5	75-79	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	0.00	0.00					
10	All Ages	Current CC	0.00	0.00	2199.00	23.46			
10	All Ages	Current MRTP	9375.00	100.00					
10	All Ages	Current Dual	0.00	0.00					
10	All Ages	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	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	0.00	0.00					
10	20-24	Current CC	0.00	0.00	0.00	0.00			
10	20-24	Current MRTP	896.00	100.00					
10	20-24	Current Dual	0.00	0.00					
10	20-24	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
10	25-29	Current CC	0.00	0.00	12.00	1.31			
10	25-29	Current MRTP	915.00	100.00					
10	25-29	Current Dual	0.00	0.00					
10	25-29	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
10	30-34	Current CC	0.00	0.00	82.00	8.56			
10	30-34	Current MRTP	958.00	100.00					
10	30-34	Current Dual	0.00	0.00					
10	30-34	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	0.00	0.00					
10	35-39	Current CC	0.00	0.00	159.00	14.80			
10	35-39	Current MRTP	1074.00	100.00					
10	35-39	Current Dual	0.00	0.00					
10	35-39	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	0.00	0.00					
10	40-44	Current CC	0.00	0.00	223.00	20.59			
10	40-44	Current MRTP	1083.00	100.00					
10	40-44	Current Dual	0.00	0.00					
10	40-44	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	0.00	0.00					
10	45-49	Current CC	0.00	0.00	258.00	26.52			
10	45-49	Current MRTP	973.00	100.00					
10	45-49	Current Dual	0.00	0.00					
10	45-49	Former	0.00	0.00			.	0.00	.

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

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

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.RTF)

10	50-54	Never Any	0.00	0.00						
10	50-54	Current CC	0.00	0.00	278.00	32.36				
10	50-54	Current MRTP	859.00	100.00						
10	50-54	Current Dual	0.00	0.00						
10	50-54	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 55-59										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	55-59	Never Any	0.00	0.00						
10	55-59	Current CC	0.00	0.00	227.00	36.03				
10	55-59	Current MRTP	630.00	100.00						
10	55-59	Current Dual	0.00	0.00						
10	55-59	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 60-64										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	60-64	Never Any	0.00	0.00						
10	60-64	Current CC	0.00	0.00	210.00	40.08				
10	60-64	Current MRTP	524.00	100.00						
10	60-64	Current Dual	0.00	0.00						
10	60-64	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 65-69										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	65-69	Never Any	0.00	0.00						
10	65-69	Current CC	0.00	0.00	244.00	47.38				
10	65-69	Current MRTP	515.00	100.00						
10	65-69	Current Dual	0.00	0.00						
10	65-69	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 70-74										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	70-74	Never Any	0.00	0.00						
10	70-74	Current CC	0.00	0.00	251.00	50.20				
10	70-74	Current MRTP	500.00	100.00						
10	70-74	Current Dual	0.00	0.00						
10	70-74	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 75-79										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	75-79	Never Any	0.00	0.00						
10	75-79	Current CC	0.00	0.00	255.00	56.92				
10	75-79	Current MRTP	448.00	100.00						
10	75-79	Current Dual	0.00	0.00						
10	75-79	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2005, Age Group: All Ages										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
15	All Ages	Never Any	0.00	0.00						
15	All Ages	Current CC	0.00	0.00	1944.00	21.78				
15	All Ages	Current MRTP	8927.00	100.00						
15	All Ages	Current Dual	0.00	0.00						
15	All Ages	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2005, Age Group: 18-19										
Period	Age Group	Smoking Group	N	%	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	0.00	0.00						
15	25-29	Current CC	0.00	0.00	0.00	0.00				
15	25-29	Current MRTP	896.00	100.00						
15	25-29	Current Dual	0.00	0.00						
15	25-29	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2005, Age Group: 30-34										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
15	30-34	Never Any	0.00	0.00						

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	0.00	0.00	12.00	1.31			
15	30-34	Current MRTP	915.00	100.00					
15	30-34	Current Dual	0.00	0.00					
15	30-34	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
15	35-39	Current CC	0.00	0.00	82.00	8.56			
15	35-39	Current MRTP	958.00	100.00					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	0.00	0.00					
15	40-44	Current CC	0.00	0.00	159.00	14.80			
15	40-44	Current MRTP	1074.00	100.00					
15	40-44	Current Dual	0.00	0.00					
15	40-44	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	0.00	0.00					
15	45-49	Current CC	0.00	0.00	223.00	20.59			
15	45-49	Current MRTP	1083.00	100.00					
15	45-49	Current Dual	0.00	0.00					
15	45-49	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	0.00	0.00					
15	50-54	Current CC	0.00	0.00	258.00	26.52			
15	50-54	Current MRTP	973.00	100.00					
15	50-54	Current Dual	0.00	0.00					
15	50-54	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
15	55-59	Current CC	0.00	0.00	278.00	32.36			
15	55-59	Current MRTP	859.00	100.00					
15	55-59	Current Dual	0.00	0.00					
15	55-59	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	0.00	0.00					
15	60-64	Current CC	0.00	0.00	227.00	36.03			
15	60-64	Current MRTP	630.00	100.00					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	0.00	0.00					
15	65-69	Current CC	0.00	0.00	210.00	40.08			
15	65-69	Current MRTP	524.00	100.00					
15	65-69	Current Dual	0.00	0.00					
15	65-69	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	0.00	0.00					
15	70-74	Current CC	0.00	0.00	244.00	47.38			
15	70-74	Current MRTP	515.00	100.00					
15	70-74	Current Dual	0.00	0.00					
15	70-74	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	0.00	0.00					
15	75-79	Current CC	0.00	0.00	251.00	50.20			
15	75-79	Current MRTP	500.00	100.00					
15	75-79	Current Dual	0.00	0.00					
15	75-79	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	0.00	0.00					
20	All Ages	Current CC	0.00	0.00	1693.00	20.09			

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	8427.00	100.00					
20	All Ages	Current Dual	0.00	0.00					
20	All Ages	Former	0.00	0.00			.	0.00	.

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	0.00	0.00					
20	30-34	Current CC	0.00	0.00	0.00	0.00			
20	30-34	Current MRTP	896.00	100.00					
20	30-34	Current Dual	0.00	0.00					
20	30-34	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	0.00	0.00					
20	35-39	Current CC	0.00	0.00	12.00	1.31			
20	35-39	Current MRTP	915.00	100.00					
20	35-39	Current Dual	0.00	0.00					
20	35-39	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
20	40-44	Current CC	0.00	0.00	82.00	8.56			
20	40-44	Current MRTP	958.00	100.00					
20	40-44	Current Dual	0.00	0.00					
20	40-44	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	0.00	0.00					
20	45-49	Current CC	0.00	0.00	159.00	14.80			
20	45-49	Current MRTP	1074.00	100.00					
20	45-49	Current Dual	0.00	0.00					
20	45-49	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	0.00	0.00					
20	50-54	Current CC	0.00	0.00	223.00	20.59			
20	50-54	Current MRTP	1083.00	100.00					
20	50-54	Current Dual	0.00	0.00					
20	50-54	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	0.00	0.00					
20	55-59	Current CC	0.00	0.00	258.00	26.52			
20	55-59	Current MRTP	973.00	100.00					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
20	60-64	Current CC	0.00	0.00	278.00	32.36			
20	60-64	Current MRTP	859.00	100.00					

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	0.00	0.00					
20	60-64	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	0.00	0.00					
20	65-69	Current CC	0.00	0.00	227.00	36.03			
20	65-69	Current MRTP	630.00	100.00					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	0.00	0.00					
20	70-74	Current CC	0.00	0.00	210.00	40.08			
20	70-74	Current MRTP	524.00	100.00					
20	70-74	Current Dual	0.00	0.00					
20	70-74	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
20	75-79	Current CC	0.00	0.00	244.00	47.38			
20	75-79	Current MRTP	515.00	100.00					
20	75-79	Current Dual	0.00	0.00					
20	75-79	Former	0.00	0.00			.	0.00	.

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124127.143	123291.229	835.914	0.267	0.673	4845.61	1920.30	1907.37	12.932
1992	308577	122129.792	120483.014	1646.778	0.534	1.348	4692.62	1857.26	1832.22	25.043
1993	311713	123245.893	120725.836	2520.057	0.808	2.045	4656.77	1841.20	1803.56	37.648
1994	305700	120449.949	117196.374	3253.575	1.064	2.701	4482.57	1766.19	1718.48	47.708
1995	303225	118626.519	114705.646	3920.873	1.293	3.305	4361.58	1706.32	1649.92	56.398
1996	299559	116548.668	111913.928	4634.741	1.547	3.977	4242.85	1650.76	1585.11	65.645
1997	294226	114605.864	109446.554	5159.311	1.754	4.502	4100.64	1597.26	1525.36	71.905
1998	289258	112986.478	107258.700	5727.778	1.980	5.069	3966.28	1549.26	1470.72	78.539
1999	311002	117013.602	109986.437	7027.165	2.260	6.005	4198.14	1579.54	1484.68	94.858
2000	303786	114910.422	107581.939	7328.482	2.412	6.378	4041.13	1528.60	1431.11	97.487
2001	296294	112949.791	105275.763	7674.028	2.590	6.794	3890.54	1483.11	1382.34	100.765
2002	291898	111633.913	103507.004	8126.910	2.784	7.280	3789.34	1449.20	1343.70	105.501
2003	285865	110434.360	101820.892	8613.469	3.013	7.800	3671.31	1418.29	1307.67	110.621
2004	274177	107282.333	98520.801	8761.531	3.196	8.167	3481.92	1362.44	1251.17	111.267
2005	272379	107525.437	98496.305	9029.132	3.315	8.397	3417.44	1349.08	1235.80	113.285
2006	264118	104176.589	95128.960	9047.629	3.426	8.685	3281.83	1294.46	1182.04	112.422
2007	258419	102497.589	93445.082	9052.507	3.503	8.832	3176.05	1259.73	1148.47	111.258
2008	259461	103298.633	93905.427	9393.206	3.620	9.093	3150.91	1254.47	1140.39	114.072
2009	253907	101175.131	91670.317	9504.814	3.743	9.394	3045.20	1213.43	1099.44	113.995

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

Age Group:All Year	Number Deaths	Null 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	2271448.067	2150190.169	121257.9	2.086	5.338	3927.78	1534.55	1452.63	81.919

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

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	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_16_Extreme_situations.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	63067.623	62994.593	73.031	0.093	0.116	1213.84	975.684	974.554	1.130
1992	77987	62533.315	62371.044	162.271	0.208	0.259	1185.97	950.962	948.495	2.468
1993	78542	62880.278	62598.455	281.823	0.359	0.448	1173.36	939.386	935.175	4.210
1994	77437	61802.011	61411.529	390.482	0.504	0.632	1135.48	906.221	900.495	5.726
1995	76904	61141.079	60631.699	509.380	0.662	0.833	1106.18	879.451	872.124	7.327
1996	76232	60377.431	59723.538	653.893	0.858	1.083	1079.72	855.165	845.904	9.262
1997	75473	59541.568	58780.390	761.178	1.009	1.278	1051.87	829.832	819.224	10.609
1998	75381	59284.828	58331.746	953.083	1.264	1.608	1033.62	812.907	799.839	13.069
1999	73159	57391.465	56309.056	1082.409	1.480	1.886	987.557	774.714	760.103	14.611
2000	73784	57706.883	56493.026	1213.857	1.645	2.103	981.515	767.648	751.501	16.147
2001	73294	57196.539	55811.117	1385.422	1.890	2.422	962.399	751.029	732.837	18.192
2002	72442	56420.945	54885.530	1535.415	2.120	2.721	940.422	732.441	712.509	19.932
2003	71942	55928.879	54217.443	1711.436	2.379	3.060	923.937	718.284	696.304	21.980
2004	71301	55315.205	53458.226	1856.979	2.604	3.357	905.490	702.478	678.895	23.583
2005	70964	54935.191	52952.771	1982.420	2.794	3.609	890.360	689.252	664.380	24.873
2006	69658	53742.133	51699.689	2042.443	2.932	3.800	865.543	667.779	642.400	25.379
2007	68565	52741.356	50627.546	2113.810	3.083	4.008	842.687	648.209	622.229	25.979
2008	68226	52428.746	50147.408	2281.337	3.344	4.351	828.542	636.699	608.994	27.705
2009	67509	51776.966	49379.263	2397.703	3.552	4.631	809.661	620.981	592.225	28.757

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159656.849	1136268.478	23388.37	1.584	2.017	997.213	783.441	767.640	15.801

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37064.726	36394.544	670.182	0.399	1.808	2599.72	573.408	563.040	10.368
1992	164548	35854.752	34558.085	1296.667	0.788	3.616	2502.33	545.254	525.535	19.719
1993	164362	35443.269	33528.542	1914.727	1.165	5.402	2455.45	529.497	500.892	28.605
1994	159866	34271.840	31857.964	2413.875	1.510	7.043	2344.16	502.538	467.143	35.395
1995	158083	33502.615	30661.757	2840.858	1.797	8.480	2273.86	481.900	441.037	40.863
1996	154875	32396.241	29136.869	3259.372	2.105	10.061	2193.60	458.849	412.685	46.165
1997	149970	31137.838	27586.105	3551.733	2.368	11.406	2090.14	433.969	384.468	49.501
1998	145407	29824.503	26049.372	3775.131	2.596	12.658	1993.81	408.950	357.186	51.764
1999	165952	34374.543	29580.317	4794.226	2.889	13.947	2240.15	464.014	399.298	64.716
2000	160260	33218.961	28334.632	4884.329	3.048	14.703	2131.87	441.897	376.923	64.974
2001	154444	32008.818	27057.373	4951.445	3.206	15.469	2027.95	420.297	355.281	65.016
2002	151887	31744.661	26596.642	5148.019	3.389	16.217	1971.76	412.101	345.270	66.830
2003	146733	30949.551	25654.292	5295.259	3.609	17.109	1884.46	397.479	329.473	68.006
2004	138381	29417.598	24180.841	5236.757	3.784	17.801	1757.38	373.590	307.086	66.504
2005	135881	28984.655	23746.320	5238.334	3.855	18.073	1704.85	363.660	297.937	65.724
2006	131922	28281.137	23060.951	5220.186	3.957	18.458	1639.21	351.410	286.546	64.864
2007	126502	27221.627	22154.110	5067.517	4.006	18.616	1554.75	334.563	272.281	62.281
2008	125859	26917.662	21871.185	5046.476	4.010	18.748	1528.44	326.890	265.605	61.285
2009	122428	26247.485	21251.432	4996.053	4.081	19.034	1468.33	314.796	254.877	59.920

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	2996888	637245.379	561644.232	75601.15	2.523	11.864	2024.64	430.510	379.436	51.075

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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	STROKE

Results for PHIM for Run 5 (APPENDIX_16_Extreme_situations.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	4487.604	4416.885	70.719	0.217	1.576	504.630	69.425	68.331	1.094
1992	32100	4369.851	4230.198	139.653	0.435	3.196	488.154	66.454	64.330	2.124
1993	32896	4411.858	4184.697	227.161	0.691	5.149	491.442	65.910	62.516	3.394
1994	33323	4471.616	4162.561	309.054	0.927	6.911	488.625	65.569	61.037	4.532
1995	33569	4471.616	4099.653	371.963	1.108	8.318	482.855	64.320	58.969	5.350
1996	33870	4483.212	4014.476	468.735	1.384	10.455	479.723	63.499	56.860	6.639
1997	33516	4438.802	3893.235	545.567	1.628	12.291	467.113	61.864	54.260	7.604
1998	32795	4308.024	3716.888	591.136	1.803	13.722	449.682	59.071	50.966	8.106
1999	33375	4227.950	3598.592	629.358	1.886	14.886	450.521	57.072	48.577	8.496
2000	33459	4300.799	3620.378	680.421	2.034	15.821	445.090	57.212	48.160	9.051
2001	32275	4126.498	3454.469	672.029	2.082	16.286	423.792	54.184	45.359	8.824
2002	31586	4067.965	3385.636	682.329	2.160	16.773	410.041	52.809	43.951	8.858
2003	30985	4084.348	3346.942	737.406	2.380	18.054	397.934	52.454	42.984	9.470
2004	29884	4020.521	3263.335	757.186	2.534	18.833	379.513	51.059	41.443	9.616
2005	28708	3930.599	3184.983	745.616	2.597	18.970	360.189	49.316	39.961	9.355
2006	28188	3954.687	3182.579	772.108	2.739	19.524	350.253	49.139	39.545	9.594
2007	28026	3941.061	3162.118	778.943	2.779	19.765	344.449	48.437	38.863	9.573
2008	27128	3795.931	3049.422	746.509	2.752	19.666	329.444	46.098	37.032	9.066
2009	27068	3809.063	3051.339	757.724	2.799	19.893	324.637	45.684	36.596	9.088

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

Age Group:	All	Null	MRTP			%Drop		Null	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	84289.601	73605.983	10683.62	1.701	12.675	424.421	56.944	49.727	7.218

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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	19507.189	19485.207	21.982	0.064	0.113	527.418	301.785	301.445	0.340
1992	33942	19371.875	19323.687	48.188	0.142	0.249	516.166	294.594	293.861	0.733
1993	35913	20510.489	20414.142	96.347	0.268	0.470	536.514	306.412	304.972	1.439
1994	35074	19904.482	19764.319	140.163	0.400	0.704	514.300	291.865	289.810	2.055
1995	34669	19511.209	19312.538	198.671	0.573	1.018	498.677	280.648	277.791	2.858
1996	34582	19291.785	19039.044	252.741	0.731	1.310	489.808	273.242	269.662	3.580
1997	35267	19487.657	19186.824	300.833	0.853	1.544	491.517	271.600	267.407	4.193
1998	35675	19569.122	19160.695	408.428	1.145	2.087	489.172	268.330	262.729	5.600
1999	38516	21019.643	20498.471	521.172	1.353	2.479	519.919	283.739	276.704	7.035
2000	36283	19683.779	19133.903	549.876	1.516	2.794	482.656	261.844	254.530	7.315
2001	36281	19617.936	18952.804	665.132	1.833	3.390	476.394	257.597	248.863	8.734
2002	35983	19400.342	18639.195	761.147	2.115	3.923	467.122	251.850	241.969	9.881
2003	36205	19471.583	18602.215	869.368	2.401	4.465	464.974	250.070	238.905	11.165
2004	34611	18529.008	17618.400	910.609	2.631	4.915	439.544	235.310	223.746	11.564
2005	36826	19674.993	18612.231	1062.762	2.886	5.402	462.043	246.855	233.521	13.334
2006	34350	18198.632	17185.740	1012.892	2.949	5.566	426.820	226.129	213.543	12.586
2007	35326	18593.544	17501.308	1092.236	3.092	5.874	434.168	228.521	215.097	13.424
2008	38248	20156.295	18837.412	1318.883	3.448	6.543	464.487	244.780	228.763	16.017
2009	36902	19341.617	17988.283	1353.334	3.667	6.997	442.580	231.971	215.740	16.231

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390256.237	378671.476	11584.76	1.625	2.969	481.512	263.649	255.823	7.826

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	1
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	EXTREME3
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_16_Extreme_situations
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

		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 6 (APPENDIX_16_Extreme_situations.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: 6, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		EXTREME3

		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	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	1-3	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
10-14	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	4+	0.000000	1.000000	0.000000	1.000000	0.000000	0.000000	0.000000	1.000000	0.000000

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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	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	1-3	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
10-14	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
15-19	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
20-24	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
25-29	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
30-34	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
35-39	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
40-44	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
45-49	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
50-54	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
55-59	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
60-64	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
65-69	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
70-74	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
75-79	4+	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.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_16_Extreme_situations.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	2224.00	24.49	115.00	5.17			
5	All Ages	Former	1995.00	21.97			14.70	120.00	6.02

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

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	250.00	30.08	10.00	4.00			
5	25-29	Former	132.00	15.88			5.64	8.00	6.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	227.00	23.40	16.00	7.05			
5	40-44	Former	246.00	25.36			11.37	17.00	6.91

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	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_16_Extreme_situations.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	107.00	19.96	12.00	11.21			
5	65-69	Former	169.00	31.53			21.09	8.00	4.73

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	2203.00	24.18	191.00	8.67			
10	All Ages	Former	2044.00	22.44			15.83	142.00	6.95

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

Period	Age Group	Smoking Group	N	%	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	260.00	31.29	23.00	8.85			
10	30-34	Former	149.00	17.93			8.74	15.00	10.07

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	270.00	27.03	13.00	4.81			
10	35-39	Former	214.00	21.42			10.81	15.00	7.01

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

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	205.00	21.13	25.00	12.20			
10	45-49	Former	268.00	27.63			14.46	14.00	5.22

Year of Follow-up: 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	126.00	23.55	14.00	11.11			
10	60-64	Former	157.00	29.35			18.41	4.00	2.55

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.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	90.00	16.79	15.00	16.67			
10	70-74	Former	186.00	34.70			22.47	9.00	4.84

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	73.00	13.54	23.00	31.51			
10	75-79	Former	186.00	34.51			25.52	11.00	5.91

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

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	2063.00	24.07	264.00	12.80			
15	All Ages	Former	2016.00	23.52			17.24	124.00	6.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	222.00	27.31	0.00	0.00			
15	25-29	Former	42.00	5.17			4.50	11.00	26.19

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

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	275.00	32.58	10.00	3.64			
15	30-34	Former	96.00	11.37			7.23	15.00	15.63

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

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	239.00	28.76	26.00	10.88			
15	35-39	Former	179.00	21.54			11.16	13.00	7.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	259.00	25.93	31.00	11.97			
15	40-44	Former	225.00	22.52			14.08	14.00	6.22

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	559.00	49.82					
15	45-49	Current	274.00	24.42	36.00	13.14			
15	45-49	Former	289.00	25.76			14.81	13.00	4.50

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

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	197.00	20.31	35.00	17.77			
15	50-54	Former	276.00	28.45			17.99	9.00	3.26

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

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_16_Extreme_situations.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	132.00	21.26	21.00	15.91			
15	60-64	Former	188.00	30.27			21.26	9.00	4.79

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

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	121.00	22.62	21.00	17.36			
15	65-69	Former	162.00	30.28			21.43	7.00	4.32

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

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	85.00	15.86	27.00	31.76			
15	75-79	Former	191.00	35.63			23.97	12.00	6.28

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

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	1858.00	23.13	286.00	15.39			
20	All Ages	Former	1978.00	24.62			18.90	100.00	5.06

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

Period	Age Group	Smoking Group	N	%	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			6.48	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	266.00	31.52	12.00	4.51			
20	35-39	Former	114.00	13.51			10.38	11.00	9.65

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	220.00	26.47	26.00	11.82			
20	40-44	Former	198.00	23.83			14.28	10.00	5.05

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

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	238.00	23.82	36.00	15.13			
20	45-49	Former	246.00	24.62			16.83	12.00	4.88

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

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	258.00	22.99	47.00	18.22			
20	50-54	Former	305.00	27.18			17.84	8.00	2.62

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

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	179.00	18.45	39.00	21.79			
20	55-59	Former	294.00	30.31			20.86	11.00	3.74

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.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			23.71	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	113.00	21.12	28.00	24.78			
20	70-74	Former	170.00	31.78			23.55	7.00	4.12

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

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_16_Extreme_situations.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	0.00	0.00					
5	All Ages	Current CC	0.00	0.00	1843.00	20.30			
5	All Ages	Current MRTP	9080.00	100.00					
5	All Ages	Current Dual	0.00	0.00					
5	All Ages	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	0.00	0.00					
5	18-19	Current CC	0.00	0.00	0.00	0.00			
5	18-19	Current MRTP	298.00	100.00					
5	18-19	Current Dual	0.00	0.00					
5	18-19	Former	0.00	0.00			.	0.00	.

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

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.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	0.00	0.00					
5	20-24	Current CC	0.00	0.00	14.00	1.66			
5	20-24	Current MRTP	844.00	100.00					
5	20-24	Current Dual	0.00	0.00					
5	20-24	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	25-29	Current CC	0.00	0.00	116.00	13.96			
5	25-29	Current MRTP	831.00	100.00					
5	25-29	Current Dual	0.00	0.00					
5	25-29	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	0.00	0.00					
5	30-34	Current CC	0.00	0.00	163.00	16.32			
5	30-34	Current MRTP	999.00	100.00					
5	30-34	Current Dual	0.00	0.00					
5	30-34	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	0.00	0.00					
5	35-39	Current CC	0.00	0.00	210.00	18.72			
5	35-39	Current MRTP	1122.00	100.00					
5	35-39	Current Dual	0.00	0.00					
5	35-39	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	40-44	Current CC	0.00	0.00	232.00	23.92			
5	40-44	Current MRTP	970.00	100.00					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	45-49	Current CC	0.00	0.00	183.00	22.56			
5	45-49	Current MRTP	811.00	100.00					
5	45-49	Current Dual	0.00	0.00					
5	45-49	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	0.00	0.00					
5	50-54	Current CC	0.00	0.00	154.00	24.80			
5	50-54	Current MRTP	621.00	100.00					
5	50-54	Current Dual	0.00	0.00					
5	50-54	Former	0.00	0.00			.	0.00	.
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	0.00	0.00					
5	55-59	Current CC	0.00	0.00	138.00	25.79			
5	55-59	Current MRTP	535.00	100.00					
5	55-59	Current Dual	0.00	0.00					
5	55-59	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	0.00	0.00					
5	60-64	Current CC	0.00	0.00	128.00	26.23			
5	60-64	Current MRTP	488.00	100.00					
5	60-64	Current Dual	0.00	0.00					
5	60-64	Former	0.00	0.00			.	0.00	.
Year of Follow-up: 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	0.00	0.00					
5	65-69	Current CC	0.00	0.00	163.00	30.41			
5	65-69	Current MRTP	536.00	100.00					
5	65-69	Current Dual	0.00	0.00					
5	65-69	Former	0.00	0.00			.	0.00	.
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_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	0.00	0.00					
5	70-74	Current CC	0.00	0.00	178.00	33.02			
5	70-74	Current MRTP	539.00	100.00					
5	70-74	Current Dual	0.00	0.00					
5	70-74	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	0.00	0.00					
5	75-79	Current CC	0.00	0.00	164.00	33.74			
5	75-79	Current MRTP	486.00	100.00					
5	75-79	Current Dual	0.00	0.00					
5	75-79	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	0.00	0.00					
10	All Ages	Current CC	0.00	0.00	1679.00	18.43			
10	All Ages	Current MRTP	9109.00	100.00					
10	All Ages	Current Dual	0.00	0.00					
10	All Ages	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	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	0.00	0.00					
10	20-24	Current CC	0.00	0.00	0.00	0.00			
10	20-24	Current MRTP	813.00	100.00					
10	20-24	Current Dual	0.00	0.00					
10	20-24	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
10	25-29	Current CC	0.00	0.00	14.00	1.66			
10	25-29	Current MRTP	844.00	100.00					
10	25-29	Current Dual	0.00	0.00					
10	25-29	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
10	30-34	Current CC	0.00	0.00	116.00	13.96			
10	30-34	Current MRTP	831.00	100.00					
10	30-34	Current Dual	0.00	0.00					
10	30-34	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	0.00	0.00					
10	35-39	Current CC	0.00	0.00	163.00	16.32			
10	35-39	Current MRTP	999.00	100.00					
10	35-39	Current Dual	0.00	0.00					
10	35-39	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	0.00	0.00					
10	40-44	Current CC	0.00	0.00	210.00	18.72			
10	40-44	Current MRTP	1122.00	100.00					
10	40-44	Current Dual	0.00	0.00					
10	40-44	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	0.00	0.00					
10	45-49	Current CC	0.00	0.00	232.00	23.92			
10	45-49	Current MRTP	970.00	100.00					
10	45-49	Current Dual	0.00	0.00					
10	45-49	Former	0.00	0.00			.	0.00	.

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

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

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.RTF)

10	50-54	Never Any	0.00	0.00						
10	50-54	Current CC	0.00	0.00	183.00	22.56				
10	50-54	Current MRTP	811.00	100.00						
10	50-54	Current Dual	0.00	0.00						
10	50-54	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 55-59										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	55-59	Never Any	0.00	0.00						
10	55-59	Current CC	0.00	0.00	154.00	24.80				
10	55-59	Current MRTP	621.00	100.00						
10	55-59	Current Dual	0.00	0.00						
10	55-59	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 60-64										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	60-64	Never Any	0.00	0.00						
10	60-64	Current CC	0.00	0.00	138.00	25.79				
10	60-64	Current MRTP	535.00	100.00						
10	60-64	Current Dual	0.00	0.00						
10	60-64	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 65-69										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	65-69	Never Any	0.00	0.00						
10	65-69	Current CC	0.00	0.00	128.00	26.23				
10	65-69	Current MRTP	488.00	100.00						
10	65-69	Current Dual	0.00	0.00						
10	65-69	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 70-74										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	70-74	Never Any	0.00	0.00						
10	70-74	Current CC	0.00	0.00	163.00	30.41				
10	70-74	Current MRTP	536.00	100.00						
10	70-74	Current Dual	0.00	0.00						
10	70-74	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2000, Age Group: 75-79										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
10	75-79	Never Any	0.00	0.00						
10	75-79	Current CC	0.00	0.00	178.00	33.02				
10	75-79	Current MRTP	539.00	100.00						
10	75-79	Current Dual	0.00	0.00						
10	75-79	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2005, Age Group: All Ages										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
15	All Ages	Never Any	0.00	0.00						
15	All Ages	Current CC	0.00	0.00	1501.00	17.51				
15	All Ages	Current MRTP	8570.00	100.00						
15	All Ages	Current Dual	0.00	0.00						
15	All Ages	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2005, Age Group: 18-19										
Period	Age Group	Smoking Group	N	%	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	0.00	0.00						
15	25-29	Current CC	0.00	0.00	0.00	0.00				
15	25-29	Current MRTP	813.00	100.00						
15	25-29	Current Dual	0.00	0.00						
15	25-29	Former	0.00	0.00			.	0.00	.	
Year of Follow-up: 2005, Age Group: 30-34										
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %	
15	30-34	Never Any	0.00	0.00						

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	0.00	0.00	14.00	1.66			
15	30-34	Current MRTP	844.00	100.00					
15	30-34	Current Dual	0.00	0.00					
15	30-34	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
15	35-39	Current CC	0.00	0.00	116.00	13.96			
15	35-39	Current MRTP	831.00	100.00					
15	35-39	Current Dual	0.00	0.00					
15	35-39	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	0.00	0.00					
15	40-44	Current CC	0.00	0.00	163.00	16.32			
15	40-44	Current MRTP	999.00	100.00					
15	40-44	Current Dual	0.00	0.00					
15	40-44	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	0.00	0.00					
15	45-49	Current CC	0.00	0.00	210.00	18.72			
15	45-49	Current MRTP	1122.00	100.00					
15	45-49	Current Dual	0.00	0.00					
15	45-49	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	0.00	0.00					
15	50-54	Current CC	0.00	0.00	232.00	23.92			
15	50-54	Current MRTP	970.00	100.00					
15	50-54	Current Dual	0.00	0.00					
15	50-54	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
15	55-59	Current CC	0.00	0.00	183.00	22.56			
15	55-59	Current MRTP	811.00	100.00					
15	55-59	Current Dual	0.00	0.00					
15	55-59	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	0.00	0.00					
15	60-64	Current CC	0.00	0.00	154.00	24.80			
15	60-64	Current MRTP	621.00	100.00					
15	60-64	Current Dual	0.00	0.00					
15	60-64	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	0.00	0.00					
15	65-69	Current CC	0.00	0.00	138.00	25.79			
15	65-69	Current MRTP	535.00	100.00					
15	65-69	Current Dual	0.00	0.00					
15	65-69	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	0.00	0.00					
15	70-74	Current CC	0.00	0.00	128.00	26.23			
15	70-74	Current MRTP	488.00	100.00					
15	70-74	Current Dual	0.00	0.00					
15	70-74	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	0.00	0.00					
15	75-79	Current CC	0.00	0.00	163.00	30.41			
15	75-79	Current MRTP	536.00	100.00					
15	75-79	Current Dual	0.00	0.00					
15	75-79	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	0.00	0.00					
20	All Ages	Current CC	0.00	0.00	1338.00	16.65			

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	8034.00	100.00					
20	All Ages	Current Dual	0.00	0.00					
20	All Ages	Former	0.00	0.00			.	0.00	.

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	0.00	0.00					
20	30-34	Current CC	0.00	0.00	0.00	0.00			
20	30-34	Current MRTP	813.00	100.00					
20	30-34	Current Dual	0.00	0.00					
20	30-34	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	0.00	0.00					
20	35-39	Current CC	0.00	0.00	14.00	1.66			
20	35-39	Current MRTP	844.00	100.00					
20	35-39	Current Dual	0.00	0.00					
20	35-39	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
20	40-44	Current CC	0.00	0.00	116.00	13.96			
20	40-44	Current MRTP	831.00	100.00					
20	40-44	Current Dual	0.00	0.00					
20	40-44	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	0.00	0.00					
20	45-49	Current CC	0.00	0.00	163.00	16.32			
20	45-49	Current MRTP	999.00	100.00					
20	45-49	Current Dual	0.00	0.00					
20	45-49	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	0.00	0.00					
20	50-54	Current CC	0.00	0.00	210.00	18.72			
20	50-54	Current MRTP	1122.00	100.00					
20	50-54	Current Dual	0.00	0.00					
20	50-54	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	0.00	0.00					
20	55-59	Current CC	0.00	0.00	232.00	23.92			
20	55-59	Current MRTP	970.00	100.00					
20	55-59	Current Dual	0.00	0.00					
20	55-59	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
20	60-64	Current CC	0.00	0.00	183.00	22.56			
20	60-64	Current MRTP	811.00	100.00					

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	0.00	0.00					
20	60-64	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	0.00	0.00					
20	65-69	Current CC	0.00	0.00	154.00	24.80			
20	65-69	Current MRTP	621.00	100.00					
20	65-69	Current Dual	0.00	0.00					
20	65-69	Former	0.00	0.00			.	0.00	.

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	0.00	0.00					
20	70-74	Current CC	0.00	0.00	138.00	25.79			
20	70-74	Current MRTP	535.00	100.00					
20	70-74	Current Dual	0.00	0.00					
20	70-74	Former	0.00	0.00			.	0.00	.

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	0.00	0.00					
20	75-79	Current CC	0.00	0.00	128.00	26.23			
20	75-79	Current MRTP	488.00	100.00					
20	75-79	Current Dual	0.00	0.00					
20	75-79	Former	0.00	0.00			.	0.00	.

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.388	59294.180	-166.793	-0.084	-0.282	2826.86	839.241	841.608	-2.367
1992	198532	60225.285	60530.263	-304.978	-0.154	-0.506	2778.64	842.910	847.179	-4.268
1993	202512	62327.516	62718.142	-390.626	-0.193	-0.627	2793.47	859.751	865.140	-5.388
1994	200658	62682.924	63108.050	-425.126	-0.212	-0.678	2725.82	851.509	857.284	-5.775
1995	201023	63121.380	63582.508	-461.127	-0.229	-0.731	2687.54	843.889	850.053	-6.165
1996	201180	64286.671	64613.550	-326.879	-0.162	-0.508	2653.67	847.974	852.286	-4.312
1997	198639	64523.644	64706.022	-182.378	-0.092	-0.283	2583.39	839.160	841.532	-2.372
1998	197573	65355.146	65376.060	-20.915	-0.011	-0.032	2533.29	837.986	838.254	-0.268
1999	211329	67514.149	67405.213	108.935	0.052	0.161	2673.14	854.000	852.622	1.378
2000	208496	68135.236	67851.081	284.155	0.136	0.417	2604.20	851.038	847.489	3.549
2001	203606	68220.893	67574.597	646.296	0.317	0.947	2514.65	842.567	834.585	7.982
2002	200828	68924.106	67904.306	1019.800	0.508	1.480	2455.47	842.718	830.249	12.469
2003	196352	68654.716	67494.746	1159.970	0.591	1.690	2377.49	831.293	817.248	14.045
2004	188160	67277.177	65913.263	1363.914	0.725	2.027	2254.66	806.161	789.818	16.343
2005	186416	67765.266	66386.370	1378.896	0.740	2.035	2208.07	802.670	786.337	16.333
2006	180088	66542.001	64949.234	1592.767	0.884	2.394	2113.55	780.949	762.256	18.693
2007	175644	65897.332	64423.250	1474.082	0.839	2.237	2039.92	765.329	748.209	17.120
2008	177570	67040.028	65325.315	1714.713	0.966	2.558	2039.03	769.817	750.127	19.690
2009	172806	66537.753	64501.982	2035.772	1.178	3.060	1961.22	755.155	732.051	23.105

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

Age Group:All Year	Number Deaths	Null 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	1301459.200	1290958.722	10500.48	0.269	0.807	2465.77	822.758	816.120	6.638

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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_16_Extreme_situations.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	31529.975	31602.794	-72.820	-0.167	-0.231	620.154	447.529	448.563	-1.034
1992	45423	32811.363	32951.115	-139.752	-0.308	-0.426	635.738	459.226	461.182	-1.956
1993	46291	33466.739	33648.882	-182.143	-0.393	-0.544	638.542	461.643	464.156	-2.512
1994	47017	33987.434	34200.940	-213.506	-0.454	-0.628	638.697	461.699	464.599	-2.900
1995	47840	34563.899	34802.182	-238.282	-0.498	-0.689	639.587	462.095	465.281	-3.186
1996	48244	34992.695	35195.477	-202.782	-0.420	-0.579	636.363	461.571	464.246	-2.675
1997	49035	35544.042	35731.751	-187.709	-0.383	-0.528	637.723	462.267	464.708	-2.441
1998	49686	36130.622	36246.745	-116.123	-0.234	-0.321	637.076	463.268	464.757	-1.489
1999	48883	35496.187	35585.310	-89.124	-0.182	-0.251	618.331	448.998	450.126	-1.127
2000	50331	36560.823	36597.267	-36.443	-0.072	-0.100	628.656	456.660	457.115	-0.455
2001	50389	36714.609	36629.525	85.084	0.169	0.232	622.333	453.447	452.396	1.051
2002	51445	37611.281	37379.856	231.424	0.450	0.615	629.005	459.864	457.034	2.830
2003	51408	37535.072	37244.544	290.528	0.565	0.774	622.464	454.487	450.969	3.518
2004	51399	37507.696	37140.167	367.529	0.715	0.980	615.898	449.443	445.039	4.404
2005	51421	37462.655	37072.471	390.184	0.759	1.042	609.074	443.740	439.118	4.622
2006	51355	37386.249	36895.232	491.017	0.956	1.313	602.712	438.772	433.009	5.763
2007	51839	37579.077	37102.562	476.515	0.919	1.268	602.056	436.442	430.908	5.534
2008	50976	36963.444	36413.402	550.042	1.079	1.488	585.355	424.449	418.133	6.316
2009	51193	37176.959	36490.584	686.374	1.341	1.846	581.003	421.932	414.142	7.790

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711666.191	709576.178	2090.013	0.213	0.294	619.890	449.902	448.581	1.321

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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	12662.637	12668.187	-5.551	-0.006	-0.044	1368.32	179.731	179.809	-0.079
1992	93721	12337.391	12334.392	2.999	0.003	0.024	1311.71	172.674	172.632	0.042
1993	93679	12399.372	12374.902	24.470	0.026	0.197	1292.22	171.038	170.701	0.338
1994	90832	12124.500	12079.464	45.036	0.050	0.371	1233.90	164.704	164.092	0.612
1995	89698	11953.030	11904.731	48.298	0.054	0.404	1199.20	159.804	159.158	0.646
1996	88286	12009.781	11883.949	125.832	0.143	1.048	1164.54	158.415	156.755	1.660
1997	84777	11582.852	11366.003	216.849	0.256	1.872	1102.56	150.640	147.820	2.820
1998	82517	11324.494	11066.301	258.192	0.313	2.280	1058.04	145.203	141.892	3.311
1999	93939	13010.565	12650.932	359.633	0.383	2.764	1188.25	164.573	160.024	4.549
2000	90039	12587.898	12188.280	399.617	0.444	3.175	1124.63	157.228	152.237	4.991
2001	86119	12325.722	11825.135	500.587	0.581	4.061	1063.62	152.230	146.047	6.183
2002	83014	12087.470	11503.314	584.156	0.704	4.833	1014.99	147.790	140.648	7.142
2003	79302	11657.933	11043.297	614.636	0.775	5.272	960.214	141.158	133.716	7.442
2004	73861	11113.220	10441.024	672.196	0.910	6.049	885.053	133.166	125.112	8.055
2005	71649	10853.031	10214.376	638.655	0.891	5.885	848.672	128.553	120.988	7.565
2006	67551	10364.134	9718.602	645.532	0.956	6.229	792.791	121.635	114.059	7.576
2007	63503	9753.837	9160.144	593.694	0.935	6.087	737.521	113.281	106.386	6.895
2008	63171	9890.409	9247.629	642.780	1.018	6.499	725.389	113.571	106.190	7.381
2009	59747	9449.533	8758.265	691.269	1.157	7.315	678.085	107.245	99.400	7.845

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232134.570	225075.688	7058.881	0.428	3.041	1043.56	146.751	142.289	4.462

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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	STROKE

Results for PHIM for Run 6 (APPENDIX_16_Extreme_situations.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	3115.940	3129.310	-13.370	-0.041	-0.429	461.369	44.227	44.417	-0.190
1992	32560	3095.300	3115.669	-20.370	-0.063	-0.658	455.708	43.322	43.607	-0.285
1993	32768	3113.837	3124.544	-10.707	-0.033	-0.344	452.005	42.953	43.100	-0.148
1994	33005	3167.213	3160.036	7.177	0.022	0.227	448.353	43.025	42.927	0.097
1995	33730	3198.573	3175.691	22.882	0.068	0.715	450.946	42.763	42.457	0.306
1996	33750	3231.231	3174.971	56.261	0.167	1.741	445.180	42.622	41.879	0.742
1997	33699	3236.709	3142.351	94.358	0.280	2.915	438.271	42.095	40.868	1.227
1998	33274	3166.888	3054.387	112.501	0.338	3.552	426.640	40.606	39.163	1.442
1999	33891	3147.979	3020.093	127.886	0.377	4.062	428.694	39.819	38.202	1.618
2000	33827	3229.960	3066.387	163.573	0.484	5.064	422.514	40.344	38.300	2.043
2001	32506	3105.017	2917.785	187.232	0.576	6.030	401.468	38.349	36.036	2.312
2002	32078	3116.706	2918.014	198.692	0.619	6.375	392.210	38.107	35.678	2.429
2003	30568	3018.969	2811.673	207.296	0.678	6.866	370.127	36.555	34.045	2.510
2004	29388	2976.263	2737.777	238.486	0.812	8.013	352.147	35.664	32.806	2.858
2005	27954	2918.053	2684.812	233.242	0.834	7.993	331.111	34.564	31.801	2.763
2006	27201	2879.939	2650.219	229.721	0.845	7.977	319.236	33.799	31.103	2.696
2007	26302	2800.749	2580.257	220.492	0.838	7.873	305.470	32.528	29.967	2.561
2008	25998	2763.872	2542.184	221.688	0.853	8.021	298.534	31.737	29.192	2.546
2009	25040	2713.181	2474.730	238.451	0.952	8.789	284.186	30.793	28.086	2.706

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61189.621	58674.134	2515.488	0.403	4.111	394.195	38.683	37.093	1.590

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.837	11893.889	-75.052	-0.283	-0.635	377.015	167.754	168.819	-1.065
1992	26828	11981.231	12129.088	-147.856	-0.551	-1.234	375.483	167.689	169.758	-2.069
1993	29774	13347.568	13569.814	-222.246	-0.746	-1.665	410.705	184.118	187.183	-3.066
1994	29804	13403.778	13667.611	-263.832	-0.885	-1.968	404.869	182.082	185.666	-3.584
1995	29755	13405.878	13699.903	-294.025	-0.988	-2.193	397.803	179.227	183.158	-3.931
1996	30900	14052.963	14359.152	-306.189	-0.991	-2.179	407.587	185.366	189.405	-4.039
1997	31128	14160.041	14465.917	-305.875	-0.983	-2.160	404.834	184.158	188.136	-3.978
1998	32096	14733.142	15008.627	-275.485	-0.858	-1.870	411.536	188.909	192.441	-3.532
1999	34616	15859.418	16148.878	-289.460	-0.836	-1.825	437.865	200.609	204.270	-3.661
2000	34299	15756.555	15999.147	-242.592	-0.707	-1.540	428.409	196.806	199.836	-3.030
2001	34592	16075.545	16202.151	-126.607	-0.366	-0.788	427.231	198.542	200.106	-1.564
2002	34291	16108.650	16103.122	5.528	0.016	0.034	419.268	196.956	196.889	0.068
2003	35074	16442.742	16395.232	47.510	0.135	0.289	424.687	199.094	198.519	0.575
2004	33512	15679.998	15594.295	85.703	0.256	0.547	401.564	187.889	186.862	1.027
2005	35392	16531.526	16414.711	116.815	0.330	0.707	419.213	195.814	194.430	1.384
2006	33981	15911.678	15685.181	226.498	0.667	1.423	398.807	186.742	184.084	2.658
2007	34000	15763.670	15580.287	183.382	0.539	1.163	394.875	183.079	180.949	2.130
2008	37425	17422.304	17122.100	300.203	0.802	1.723	429.749	200.059	196.612	3.447
2009	36826	17198.080	16778.402	419.677	1.140	2.440	417.948	195.186	190.423	4.763

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

Age Group:All		Null	MRTP			%Drop		Null	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	296468.818	297632.722	-1163.90	-0.180	-0.393	408.132	187.422	188.158	-0.736

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	EXTREME4
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_16_Extreme_situations
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_16_Extreme_situations.RTF)

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

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STP values for Run: 7, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	EXTREME4

		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	0.001600	0.000200	0.000200	0.000000	0.000000	0.010495	0.000144	0.000048	0.000048
15-19	1-3	0.002800	0.000350	0.000350	0.000000	0.000000	0.011485	0.000432	0.000144	0.000144
20-24	1-3	0.001600	0.000200	0.000200	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
25-29	1-3	0.000800	0.000100	0.000100	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
30-34	1-3	0.000400	0.000050	0.000050	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.012475	0.000720	0.000240	0.000240
60-64	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.012475	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.012970	0.000864	0.000288	0.000288
70-74	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.013465	0.001008	0.000336	0.000336
75-79	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.013960	0.001152	0.000384	0.000384
10-14	4+	0.001200	0.000400	0.000400	0.000000	0.000000	0.020490	0.000096	0.000096	0.000048
15-19	4+	0.002100	0.000700	0.000700	0.000000	0.000000	0.021470	0.000288	0.000288	0.000144
20-24	4+	0.001200	0.000400	0.000400	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
25-29	4+	0.000600	0.000200	0.000200	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
30-34	4+	0.000300	0.000100	0.000100	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.022450	0.000480	0.000480	0.000240
60-64	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.022450	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.022940	0.000576	0.000576	0.000288
70-74	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.023430	0.000672	0.000672	0.000336
75-79	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.023920	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp	Curr Mrtp	Curr Mrtp	Curr Dual	Curr Dual	Curr Dual
		Curr CC	Curr Dual	Former	Curr CC	Curr Mrtp	Former
10-14	1-3	0.004998	0.004998	0.000500	0.004998	0.004998	0.000500
15-19	1-3	0.004993	0.004993	0.001500	0.004993	0.004993	0.001500
20-24	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
25-29	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
30-34	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
35-39	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
40-44	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
45-49	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
50-54	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
55-59	1-3	0.004988	0.004988	0.002500	0.004988	0.004988	0.002500
60-64	1-3	0.004988	0.004988	0.002500	0.004988	0.004988	0.002500
65-69	1-3	0.004985	0.004985	0.003000	0.004985	0.004985	0.003000
70-74	1-3	0.004983	0.004983	0.003500	0.004983	0.004983	0.003500
75-79	1-3	0.004980	0.004980	0.004000	0.004980	0.004980	0.004000
10-14	4+	0.009995	0.009995	0.000500	0.009995	0.009995	0.000500
15-19	4+	0.009985	0.009985	0.001500	0.009985	0.009985	0.001500
20-24	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
25-29	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
30-34	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
35-39	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
40-44	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
45-49	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
50-54	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
55-59	4+	0.009975	0.009975	0.002500	0.009975	0.009975	0.002500
60-64	4+	0.009975	0.009975	0.002500	0.009975	0.009975	0.002500
65-69	4+	0.009970	0.009970	0.003000	0.009970	0.009970	0.003000
70-74	4+	0.009965	0.009965	0.003500	0.009965	0.009965	0.003500
75-79	4+	0.009960	0.009960	0.004000	0.009960	0.009960	0.004000

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	855.00	9.32	162.00	15.80			
5	All Ages	Current MRTP	101.00	1.10					
5	All Ages	Current Dual	69.00	0.75					
5	All Ages	Former	4251.00	46.32			10.41	613.00	14.42

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	25.00	7.37	0.00	0.00			
5	18-19	Current MRTP	10.00	2.95					
5	18-19	Current Dual	8.00	2.36					
5	18-19	Former	17.00	5.01			1.06	12.00	70.59

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

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	95.00	10.38	1.00	0.79			
5	20-24	Current MRTP	21.00	2.30					
5	20-24	Current Dual	10.00	1.09					
5	20-24	Former	170.00	18.58			2.11	65.00	38.24
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	84.00	8.77	10.00	9.80			
5	25-29	Current MRTP	12.00	1.25					
5	25-29	Current Dual	6.00	0.63					
5	25-29	Former	321.00	33.51			3.37	75.00	23.36
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	125.00	11.64	21.00	14.69			
5	30-34	Current MRTP	9.00	0.84					
5	30-34	Current Dual	9.00	0.84					
5	30-34	Former	437.00	40.69			4.26	87.00	19.91
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	119.00	10.99	18.00	13.85			
5	35-39	Current MRTP	9.00	0.83					
5	35-39	Current Dual	2.00	0.18					
5	35-39	Former	475.00	43.86			5.35	73.00	15.37
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	88.00	9.04	11.00	11.70			
5	40-44	Current MRTP	3.00	0.31					
5	40-44	Current Dual	3.00	0.31					
5	40-44	Former	473.00	48.61			8.11	60.00	12.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	86.00	10.01	18.00	17.82			
5	45-49	Current MRTP	9.00	1.05					
5	45-49	Current Dual	6.00	0.70					
5	45-49	Former	450.00	52.39			9.94	60.00	13.33
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	58.00	9.21	10.00	16.13			
5	50-54	Current MRTP	2.00	0.32					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	376.00	59.68			11.80	43.00	11.44
Year of Follow-up: 1995, Age Group: 55-59									
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	49.00	9.35	12.00	20.00			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	6.00	1.15					
5	55-59	Former	309.00	58.97			12.68	42.00	13.59
Year of Follow-up: 1995, Age Group: 60-64									
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	33.00	6.41	15.00	36.59			
5	60-64	Current MRTP	5.00	0.97					
5	60-64	Current Dual	3.00	0.58					
5	60-64	Former	333.00	64.66			14.59	34.00	10.21
Year of Follow-up: 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	39.00	7.80	15.00	30.61			
5	65-69	Current MRTP	7.00	1.40					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	331.00	66.20			17.63	26.00	7.85
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	29.00	6.47	20.00	48.78			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	4.00	0.89					
5	70-74	Former	301.00	67.19			19.35	22.00	7.31
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	68.00	18.94					
5	75-79	Current CC	25.00	6.96	11.00	33.33			
5	75-79	Current MRTP	1.00	0.28					
5	75-79	Current Dual	7.00	1.95					
5	75-79	Former	258.00	71.87			20.24	14.00	5.43
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	409.00	4.36	248.00	34.98			
10	All Ages	Current MRTP	208.00	2.22					
10	All Ages	Current Dual	92.00	0.98					
10	All Ages	Former	4593.00	48.99			12.44	296.00	6.44
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	77.00	8.59	1.00	0.68			
10	20-24	Current MRTP	53.00	5.92					
10	20-24	Current Dual	17.00	1.90					
10	20-24	Former	122.00	13.62			2.74	47.00	38.52
Year of Follow-up: 2000, Age Group: 25-29									
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	55.00	6.01	13.00	11.71			
10	25-29	Current MRTP	37.00	4.04					
10	25-29	Current Dual	19.00	2.08					
10	25-29	Former	251.00	27.43			5.39	30.00	11.95
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	35.00	3.65	15.00	21.43			
10	30-34	Current MRTP	24.00	2.51					
10	30-34	Current Dual	11.00	1.15					
10	30-34	Former	389.00	40.61			6.94	33.00	8.48
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	44.00	4.10	27.00	41.54			
10	35-39	Current MRTP	16.00	1.49					
10	35-39	Current Dual	5.00	0.47					
10	35-39	Former	521.00	48.51			7.79	36.00	6.91
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	34.00	3.14	25.00	49.02			
10	40-44	Current MRTP	12.00	1.11					
10	40-44	Current Dual	5.00	0.46					
10	40-44	Former	554.00	51.15			8.75	39.00	7.04
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	32.00	3.29	19.00	45.24			
10	45-49	Current MRTP	6.00	0.62					
10	45-49	Current Dual	4.00	0.41					
10	45-49	Former	525.00	53.96			11.62	24.00	4.57
Year of Follow-up: 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_16_Extreme_situations.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	33.00	3.84	35.00	60.34			
10	50-54	Current MRTP	14.00	1.63					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	493.00	57.39			13.11	19.00	3.85
Year of Follow-up: 2000, Age Group: 55-59									
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	24.00	3.81	18.00	54.55			
10	55-59	Current MRTP	7.00	1.11					
10	55-59	Current Dual	2.00	0.32					
10	55-59	Former	405.00	64.29			15.01	18.00	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	155.00	29.58					
10	60-64	Current CC	27.00	5.15	19.00	51.35			
10	60-64	Current MRTP	5.00	0.95					
10	60-64	Current Dual	5.00	0.95					
10	60-64	Former	332.00	63.36			15.83	14.00	4.22
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	11.00	2.14	15.00	71.43			
10	65-69	Current MRTP	9.00	1.75					
10	65-69	Current Dual	1.00	0.19					
10	65-69	Former	353.00	68.54			17.52	12.00	3.40
Year of Follow-up: 2000, Age Group: 70-74									
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	22.00	4.40	37.00	86.05			
10	70-74	Current MRTP	15.00	3.00					
10	70-74	Current Dual	6.00	1.20					
10	70-74	Former	337.00	67.40			20.42	11.00	3.26
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	106.00	23.66					
10	75-79	Current CC	15.00	3.35	24.00	77.42			
10	75-79	Current MRTP	10.00	2.23					
10	75-79	Current Dual	6.00	1.34					
10	75-79	Former	311.00	69.42			22.08	13.00	4.18
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	216.00	2.42	295.00	52.58			
15	All Ages	Current MRTP	257.00	2.88					
15	All Ages	Current Dual	88.00	0.99					
15	All Ages	Former	4498.00	50.39			15.11	176.00	3.91
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	53.00	5.92	4.00	3.33			
15	25-29	Current MRTP	56.00	6.25					
15	25-29	Current Dual	11.00	1.23					
15	25-29	Former	211.00	23.55			5.18	32.00	15.17
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	43.00	4.70	22.00	21.78			
15	30-34	Current MRTP	45.00	4.92					
15	30-34	Current Dual	13.00	1.42					
15	30-34	Former	289.00	31.58			8.90	19.00	6.57
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	490.00	51.15					
15	35-39	Current CC	21.00	2.19	28.00	43.08			
15	35-39	Current MRTP	30.00	3.13					
15	35-39	Current Dual	14.00	1.46					
15	35-39	Former	403.00	42.07			10.90	23.00	5.71
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	8.00	0.74	28.00	77.78			
15	40-44	Current MRTP	19.00	1.77					
15	40-44	Current Dual	9.00	0.84					
15	40-44	Former	550.00	51.21			11.71	19.00	3.45
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	12.00	1.11	38.00	90.48			
15	45-49	Current MRTP	24.00	2.22					
15	45-49	Current Dual	6.00	0.55					
15	45-49	Former	563.00	51.99			12.93	12.00	2.13
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	17.00	1.75	29.00	76.32			
15	50-54	Current MRTP	17.00	1.75					
15	50-54	Current Dual	4.00	0.41					
15	50-54	Former	529.00	54.37			15.84	9.00	1.70
Year of Follow-up: 2005, Age Group: 55-59									
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	17.00	1.98	37.00	94.87			
15	55-59	Current MRTP	17.00	1.98					
15	55-59	Current Dual	5.00	0.58					
15	55-59	Former	512.00	59.60			16.73	16.00	3.13
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	9.00	1.43	21.00	87.50			
15	60-64	Current MRTP	10.00	1.59					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	414.00	65.71			18.40	11.00	2.66
Year of Follow-up: 2005, Age Group: 65-69									
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	10.00	1.91	21.00	84.00			
15	65-69	Current MRTP	9.00	1.72					
15	65-69	Current Dual	6.00	1.15					
15	65-69	Former	344.00	65.65			18.78	13.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	12.00	2.33	32.00	94.12			
15	70-74	Current MRTP	13.00	2.52					
15	70-74	Current Dual	9.00	1.75					
15	70-74	Former	340.00	66.02			21.56	9.00	2.65
Year of Follow-up: 2005, Age Group: 75-79									
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	14.00	2.80	35.00	94.59			
15	75-79	Current MRTP	17.00	3.40					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	343.00	68.60			22.80	13.00	3.79
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	135.00	1.60	331.00	66.73			

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	284.00	3.37					
20	All Ages	Current Dual	77.00	0.91					
20	All Ages	Former	4211.00	49.97			17.94	145.00	3.44

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	28.00	3.13	12.00	12.50			
20	30-34	Current MRTP	58.00	6.47					
20	30-34	Current Dual	10.00	1.12					
20	30-34	Former	253.00	28.24			8.58	21.00	8.30

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	23.00	2.51	28.00	38.36			
20	35-39	Current MRTP	44.00	4.81					
20	35-39	Current Dual	6.00	0.66					
20	35-39	Former	327.00	35.74			11.67	20.00	6.12

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	13.00	1.36	30.00	53.57			
20	40-44	Current MRTP	36.00	3.76					
20	40-44	Current Dual	7.00	0.73					
20	40-44	Former	412.00	43.01			14.85	11.00	2.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	9.00	0.84	30.00	88.24			
20	45-49	Current MRTP	19.00	1.77					
20	45-49	Current Dual	6.00	0.56					
20	45-49	Former	552.00	51.40			15.89	17.00	3.08

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	12.00	1.11	43.00	97.73			
20	50-54	Current MRTP	26.00	2.40					
20	50-54	Current Dual	6.00	0.55					
20	50-54	Former	561.00	51.80			17.06	13.00	2.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	10.00	1.03	36.00	94.74			
20	55-59	Current MRTP	21.00	2.16					
20	55-59	Current Dual	7.00	0.72					
20	55-59	Former	529.00	54.37			19.72	16.00	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	308.00	35.86					
20	60-64	Current CC	15.00	1.75	46.00	97.87			
20	60-64	Current MRTP	22.00	2.56					

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	10.00	1.16					
20	60-64	Former	504.00	58.67			20.44	13.00	2.58

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	192.00	30.48					
20	65-69	Current CC	14.00	2.22	40.00	97.56			
20	65-69	Current MRTP	23.00	3.65					
20	65-69	Current Dual	4.00	0.63					
20	65-69	Former	397.00	63.02			22.27	8.00	2.02

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

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	2.00	0.38	28.00	100.00			
20	70-74	Current MRTP	19.00	3.63					
20	70-74	Current Dual	7.00	1.34					
20	70-74	Former	341.00	65.08			22.09	11.00	3.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	9.00	1.75	38.00	97.44			
20	75-79	Current MRTP	16.00	3.11					
20	75-79	Current Dual	14.00	2.72					
20	75-79	Former	335.00	65.05			23.81	15.00	4.48

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	123386.123	746.461	0.238	0.601	4845.61	1920.39	1908.84	11.548
1992	308577	122143.718	120126.528	2017.190	0.654	1.651	4692.62	1857.47	1826.80	30.676
1993	311713	123269.216	119491.601	3777.615	1.212	3.065	4656.77	1841.55	1785.12	56.435
1994	305700	120480.723	114634.538	5846.185	1.912	4.852	4482.57	1766.64	1680.92	85.724
1995	303225	118666.569	110521.396	8145.173	2.686	6.864	4361.58	1706.89	1589.74	117.160
1996	299559	116607.195	106099.108	10508.09	3.508	9.012	4242.85	1651.58	1502.75	148.833
1997	294226	114665.051	101903.467	12761.58	4.337	11.129	4100.64	1598.09	1420.23	177.859
1998	289258	113038.380	97955.981	15082.40	5.214	13.343	3966.28	1549.97	1343.16	206.808
1999	311002	117067.463	97527.655	19539.81	6.283	16.691	4198.14	1580.27	1316.50	263.763
2000	303786	114977.407	93306.538	21670.87	7.134	18.848	4041.13	1529.49	1241.21	288.278
2001	296294	113047.319	89064.770	23982.55	8.094	21.215	3890.54	1484.39	1169.48	314.907
2002	291898	111744.742	85216.647	26528.09	9.088	23.740	3789.34	1450.64	1106.26	344.381
2003	285865	110551.854	81647.727	28904.13	10.111	26.145	3671.31	1419.80	1048.59	371.210
2004	274177	107418.262	77195.719	30222.54	11.023	28.135	3481.92	1364.16	980.350	383.813
2005	272379	107678.770	75146.605	32532.16	11.944	30.212	3417.44	1351.01	942.838	408.170
2006	264118	104357.806	70365.204	33992.60	12.870	32.573	3281.83	1296.71	874.331	422.379
2007	258419	102690.449	67464.264	35226.18	13.631	34.303	3176.05	1262.10	829.158	432.941
2008	259461	103492.166	66355.428	37136.74	14.313	35.884	3150.91	1256.82	805.825	450.991
2009	253907	101384.044	63089.431	38294.61	15.082	37.772	3045.20	1215.94	756.656	459.282

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

Age Group:All Year	Number Deaths	Null 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	1886328.691	386915.0	6.655	17.020	3927.78	1535.76	1274.37	261.392

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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_16_Extreme_situations.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	62966.952	101.834	0.130	0.161	1213.84	975.702	974.127	1.575
1992	77987	62535.347	62253.093	282.254	0.362	0.451	1185.97	950.993	946.701	4.292
1993	78542	62883.111	62337.565	545.546	0.695	0.868	1173.36	939.428	931.278	8.150
1994	77437	61805.804	60936.571	869.233	1.123	1.406	1135.48	906.276	893.531	12.746
1995	76904	61145.799	59898.173	1247.626	1.622	2.040	1106.18	879.519	861.573	17.946
1996	76232	60385.323	58701.607	1683.716	2.209	2.788	1079.72	855.277	831.429	23.848
1997	75473	59549.806	57420.772	2129.034	2.821	3.575	1051.87	829.947	800.275	29.672
1998	75381	59292.315	56579.646	2712.669	3.599	4.575	1033.62	813.010	775.814	37.196
1999	73159	57398.351	54168.886	3229.466	4.414	5.626	987.557	774.807	731.213	43.594
2000	73784	57716.549	53849.117	3867.431	5.242	6.701	981.515	767.777	716.330	51.447
2001	73294	57211.877	52663.589	4548.288	6.206	7.950	962.399	751.230	691.508	59.722
2002	72442	56438.810	51208.789	5230.021	7.220	9.267	940.422	732.673	664.779	67.895
2003	71942	55948.341	49928.459	6019.882	8.368	10.760	923.937	718.533	641.221	77.312
2004	71301	55339.218	48624.447	6714.772	9.417	12.134	905.490	702.783	617.508	85.275
2005	70964	54964.459	47478.218	7486.242	10.549	13.620	890.360	689.620	595.692	93.927
2006	69658	53781.526	45591.077	8190.449	11.758	15.229	865.543	668.268	566.497	101.771
2007	68565	52784.985	43901.214	8883.771	12.957	16.830	842.687	648.745	539.560	109.184
2008	68226	52470.692	42742.923	9727.769	14.258	18.539	828.542	637.208	519.073	118.135
2009	67509	51823.021	41271.764	10551.26	15.629	20.360	809.661	621.533	494.988	126.545

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

Age Group:All Year	Number Deaths	Null 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	1075967.269	84021.26	5.692	7.243	997.213	783.665	726.902	56.763

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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	36549.486	517.899	0.308	1.397	2599.72	573.449	565.437	8.012
1992	164548	35863.851	34468.297	1395.554	0.848	3.891	2502.33	545.392	524.169	21.223
1993	164362	35459.800	32876.161	2583.639	1.572	7.286	2455.45	529.744	491.146	38.598
1994	159866	34293.631	30338.993	3954.638	2.474	11.532	2344.16	502.857	444.869	57.988
1995	158083	33531.695	28068.568	5463.127	3.456	16.292	2273.86	482.318	403.737	78.581
1996	154875	32438.163	25490.088	6948.075	4.486	21.419	2193.60	459.443	361.033	98.410
1997	149970	31179.663	22882.759	8296.904	5.532	26.610	2090.14	434.552	318.918	115.634
1998	145407	29860.736	20314.614	9546.122	6.565	31.969	1993.81	409.447	278.552	130.895
1999	165952	34413.904	21530.710	12883.19	7.763	37.436	2240.15	464.545	290.638	173.907
2000	160260	33265.290	19269.322	13995.97	8.733	42.074	2131.87	442.513	256.331	186.182
2001	154444	32074.102	16901.875	15172.23	9.824	47.304	2027.95	421.154	221.933	199.221
2002	151887	31817.956	15245.500	16572.46	10.911	52.085	1971.76	413.052	197.913	215.139
2003	146733	31025.931	13420.561	17605.37	11.998	56.744	1884.46	398.460	172.358	226.102
2004	138381	29503.602	11536.810	17966.79	12.984	60.897	1757.38	374.682	146.512	228.170
2005	135881	29077.894	10190.454	18887.44	13.900	64.955	1704.85	364.830	127.856	236.974
2006	131922	28385.448	8918.298	19467.15	14.757	68.581	1639.21	352.707	110.815	241.891
2007	126502	27327.625	7812.828	19514.80	15.426	71.411	1554.75	335.866	96.022	239.843
2008	125859	27025.472	7125.990	19899.48	15.811	73.632	1528.44	328.199	86.539	241.661
2009	122428	26361.626	6422.480	19939.15	16.286	75.637	1468.33	316.165	77.027	239.138

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

Age Group:All Year	Number Deaths	Null 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	407746.692	230610.0	7.695	36.126	2024.64	431.261	275.466	155.796

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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	STROKE

Results for PHIM for Run 7 (APPENDIX_16_Extreme_situations.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	4415.680	72.303	0.222	1.611	504.630	69.431	68.313	1.119
1992	32100	4371.196	4180.625	190.571	0.594	4.360	488.154	66.474	63.576	2.898
1993	32896	4414.136	4057.025	357.111	1.086	8.090	491.442	65.944	60.609	5.335
1994	33323	4474.895	3909.438	565.458	1.697	12.636	488.625	65.617	57.325	8.291
1995	33569	4476.290	3687.127	789.164	2.351	17.630	482.855	64.387	53.035	11.351
1996	33870	4489.078	3460.342	1028.736	3.037	22.916	479.723	63.582	49.011	14.571
1997	33516	4444.866	3189.718	1255.148	3.745	28.238	467.113	61.948	44.455	17.493
1998	32795	4313.427	2872.701	1440.726	4.393	33.401	449.682	59.145	39.390	19.755
1999	33375	4232.739	2617.443	1615.296	4.840	38.162	450.521	57.137	35.332	21.805
2000	33459	4307.577	2490.859	1816.718	5.430	42.175	445.090	57.302	33.135	24.167
2001	32275	4136.308	2204.023	1932.285	5.987	46.715	423.792	54.312	28.940	25.372
2002	31586	4079.175	2000.405	2078.769	6.581	50.961	410.041	52.955	25.969	26.986
2003	30985	4096.221	1837.428	2258.793	7.290	55.143	397.934	52.607	23.598	29.009
2004	29884	4034.217	1659.812	2374.405	7.945	58.857	379.513	51.233	21.079	30.154
2005	28708	3944.303	1476.202	2468.100	8.597	62.574	360.189	49.488	18.521	30.966
2006	28188	3970.169	1358.607	2611.563	9.265	65.780	350.253	49.332	16.882	32.450
2007	28026	3957.558	1254.986	2702.571	9.643	68.289	344.449	48.640	15.424	33.215
2008	27128	3812.302	1120.997	2691.305	9.921	70.595	329.444	46.297	13.613	32.683
2009	27068	3827.467	1043.435	2784.032	10.285	72.738	324.637	45.904	12.514	33.390

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	53424.450	31033.05	4.940	36.744	424.421	57.058	36.092	20.965

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19454.005	54.425	0.160	0.279	527.418	301.804	300.962	0.842
1992	33942	19373.324	19224.513	148.810	0.438	0.768	516.166	294.616	292.353	2.263
1993	35913	20512.169	20220.850	291.319	0.811	1.420	536.514	306.437	302.085	4.352
1994	35074	19906.392	19449.536	456.856	1.303	2.295	514.300	291.893	285.194	6.699
1995	34669	19512.784	18867.529	645.256	1.861	3.307	498.677	280.671	271.390	9.281
1996	34582	19294.631	18447.071	847.560	2.451	4.393	489.808	273.283	261.278	12.005
1997	35267	19490.717	18410.217	1080.499	3.064	5.544	491.517	271.643	256.584	15.059
1998	35675	19571.902	18189.020	1382.882	3.876	7.066	489.172	268.368	249.406	18.962
1999	38516	21022.469	19210.617	1811.851	4.704	8.619	519.919	283.777	259.320	24.458
2000	36283	19687.992	17697.240	1990.751	5.487	10.112	482.656	261.900	235.418	26.482
2001	36281	19625.032	17295.283	2329.748	6.421	11.871	476.394	257.690	227.099	30.591
2002	35983	19408.801	16761.952	2646.848	7.356	13.637	467.122	251.960	217.599	34.361
2003	36205	19481.360	16461.279	3020.081	8.342	15.502	464.974	250.195	211.409	38.786
2004	34611	18541.224	15374.650	3166.574	9.149	17.079	439.544	235.465	195.251	40.214
2005	36826	19692.114	16001.731	3690.383	10.021	18.740	462.043	247.070	200.768	46.302
2006	34350	18220.663	14497.222	3723.441	10.840	20.435	426.820	226.403	180.137	46.266
2007	35326	18620.282	14495.236	4125.046	11.677	22.154	434.168	228.849	178.151	50.698
2008	38248	20183.701	15365.518	4818.183	12.597	23.872	464.487	245.112	186.600	58.512
2009	36902	19371.930	14351.752	5020.178	13.604	25.915	442.580	232.335	172.126	60.209

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	349190.280	41250.69	5.788	10.565	481.512	263.774	235.906	27.868

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.RTF)

System Date and Time: 20160415_092243
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	EXTREME4
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_16_Extreme_situations
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 8, Scenario: STP_NULL

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

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

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.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: 8, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		EXTREME4

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-3	0.001600	0.000200	0.000200	0.000000	0.000000	0.010495	0.000144	0.000048	0.000048
15-19	1-3	0.002800	0.000350	0.000350	0.000000	0.000000	0.011485	0.000432	0.000144	0.000144
20-24	1-3	0.001600	0.000200	0.000200	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
25-29	1-3	0.000800	0.000100	0.000100	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
30-34	1-3	0.000400	0.000050	0.000050	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
35-39	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
40-44	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
45-49	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
50-54	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.011980	0.000576	0.000192	0.000192
55-59	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.012475	0.000720	0.000240	0.000240
60-64	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.012475	0.000720	0.000240	0.000240
65-69	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.012970	0.000864	0.000288	0.000288
70-74	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.013465	0.001008	0.000336	0.000336
75-79	1-3	0.000000	0.000000	0.000000	0.000000	0.000000	0.013960	0.001152	0.000384	0.000384
10-14	4+	0.001200	0.000400	0.000400	0.000000	0.000000	0.020490	0.000096	0.000096	0.000048
15-19	4+	0.002100	0.000700	0.000700	0.000000	0.000000	0.021470	0.000288	0.000288	0.000144
20-24	4+	0.001200	0.000400	0.000400	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
25-29	4+	0.000600	0.000200	0.000200	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
30-34	4+	0.000300	0.000100	0.000100	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
35-39	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
40-44	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
45-49	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
50-54	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.021960	0.000384	0.000384	0.000192
55-59	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.022450	0.000480	0.000480	0.000240
60-64	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.022450	0.000480	0.000480	0.000240
65-69	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.022940	0.000576	0.000576	0.000288
70-74	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.023430	0.000672	0.000672	0.000336
75-79	4+	0.000000	0.000000	0.000000	0.000000	0.000000	0.023920	0.000768	0.000768	0.000384

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		Switch from Current Mrtp			Switch from Current Dual		
Age	Period	Curr Mrtp Curr CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-3	0.004998	0.004998	0.000500	0.004998	0.004998	0.000500
15-19	1-3	0.004993	0.004993	0.001500	0.004993	0.004993	0.001500
20-24	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
25-29	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
30-34	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
35-39	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
40-44	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
45-49	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
50-54	1-3	0.004990	0.004990	0.002000	0.004990	0.004990	0.002000
55-59	1-3	0.004988	0.004988	0.002500	0.004988	0.004988	0.002500
60-64	1-3	0.004988	0.004988	0.002500	0.004988	0.004988	0.002500
65-69	1-3	0.004985	0.004985	0.003000	0.004985	0.004985	0.003000
70-74	1-3	0.004983	0.004983	0.003500	0.004983	0.004983	0.003500
75-79	1-3	0.004980	0.004980	0.004000	0.004980	0.004980	0.004000
10-14	4+	0.009995	0.009995	0.000500	0.009995	0.009995	0.000500
15-19	4+	0.009985	0.009985	0.001500	0.009985	0.009985	0.001500
20-24	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
25-29	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
30-34	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
35-39	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
40-44	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
45-49	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
50-54	4+	0.009980	0.009980	0.002000	0.009980	0.009980	0.002000
55-59	4+	0.009975	0.009975	0.002500	0.009975	0.009975	0.002500
60-64	4+	0.009975	0.009975	0.002500	0.009975	0.009975	0.002500
65-69	4+	0.009970	0.009970	0.003000	0.009970	0.009970	0.003000
70-74	4+	0.009965	0.009965	0.003500	0.009965	0.009965	0.003500
75-79	4+	0.009960	0.009960	0.004000	0.009960	0.009960	0.004000

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.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_16_Extreme_situations.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	707.00	7.79	124.00	14.47			
5	All Ages	Current MRTP	80.00	0.88					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	3337.00	36.75			9.78	481.00	14.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	19.00	6.38	0.00	0.00			
5	18-19	Current MRTP	7.00	2.35					
5	18-19	Current Dual	9.00	3.02					
5	18-19	Former	10.00	3.36			1.60	5.00	50.00

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

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	101.00	11.97	7.00	5.07			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	18.00	2.13					
5	20-24	Former	148.00	17.54			2.35	50.00	33.78
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	463.00	55.72					
5	25-29	Current CC	65.00	7.82	11.00	12.79			
5	25-29	Current MRTP	12.00	1.44					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	282.00	33.94			3.87	50.00	17.73
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	88.00	8.81	9.00	8.74			
5	30-34	Current MRTP	8.00	0.80					
5	30-34	Current Dual	7.00	0.70					
5	30-34	Former	374.00	37.44			5.03	69.00	18.45
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	99.00	8.82	12.00	11.01			
5	35-39	Current MRTP	6.00	0.53					
5	35-39	Current Dual	4.00	0.36					
5	35-39	Former	452.00	40.29			5.62	78.00	17.26
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	66.00	6.80	12.00	16.90			
5	40-44	Current MRTP	4.00	0.41					
5	40-44	Current Dual	1.00	0.10					
5	40-44	Former	402.00	41.44			8.21	44.00	10.95
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	53.00	6.54	14.00	21.21			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	323.00	39.83			8.06	38.00	11.76
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	57.00	9.18	9.00	14.52			
5	50-54	Current MRTP	2.00	0.32					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	258.00	41.55			10.73	36.00	13.95
Year of Follow-up: 1995, Age Group: 55-59									
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	44.00	8.22	7.00	14.58			
5	55-59	Current MRTP	2.00	0.37					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	235.00	43.93			10.80	23.00	9.79
Year of Follow-up: 1995, Age Group: 60-64									
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	30.00	6.15	6.00	17.14			
5	60-64	Current MRTP	4.00	0.82					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	203.00	41.60			14.65	26.00	12.81
Year of Follow-up: 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	32.00	5.97	12.00	32.43			
5	65-69	Current MRTP	0.00	0.00					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	239.00	44.59			15.01	33.00	13.81
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_16_Extreme_situations.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	37.00	6.86	12.00	29.27			
5	70-74	Current MRTP	2.00	0.37					
5	70-74	Current Dual	2.00	0.37					
5	70-74	Former	218.00	40.45			20.36	18.00	8.26

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

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	16.00	3.29	13.00	50.00			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	193.00	39.71			23.53	11.00	5.70

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	329.00	3.61	184.00	33.39			
10	All Ages	Current MRTP	136.00	1.49					
10	All Ages	Current Dual	86.00	0.94					
10	All Ages	Former	3660.00	40.18			11.69	224.00	6.12

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	58.00	7.13	0.00	0.00			
10	20-24	Current MRTP	21.00	2.58					
10	20-24	Current Dual	27.00	3.32					
10	20-24	Former	106.00	13.04			2.86	36.00	33.96

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	56.00	6.64	8.00	8.33			
10	25-29	Current MRTP	25.00	2.96					
10	25-29	Current Dual	15.00	1.78					
10	25-29	Former	225.00	26.66			5.29	36.00	16.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	36.00	4.33	17.00	30.36			
10	30-34	Current MRTP	13.00	1.56					
10	30-34	Current Dual	7.00	0.84					
10	30-34	Former	334.00	40.19			7.46	26.00	7.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	36.00	3.60	22.00	35.48			
10	35-39	Current MRTP	16.00	1.60					
10	35-39	Current Dual	10.00	1.00					
10	35-39	Former	427.00	42.74			8.60	24.00	5.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	30.00	2.67	19.00	43.18			
10	40-44	Current MRTP	10.00	0.89					
10	40-44	Current Dual	4.00	0.36					
10	40-44	Former	517.00	46.08			9.09	31.00	6.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	28.00	2.89	24.00	57.14			
10	45-49	Current MRTP	9.00	0.93					
10	45-49	Current Dual	5.00	0.52					
10	45-49	Former	431.00	44.43			12.06	10.00	2.32

Year of Follow-up: 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_16_Extreme_situations.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	19.00	2.34	27.00	71.05			
10	50-54	Current MRTP	15.00	1.85					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	351.00	43.28			11.58	14.00	3.99
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	16.00	2.58	11.00	50.00			
10	55-59	Current MRTP	5.00	0.81					
10	55-59	Current Dual	1.00	0.16					
10	55-59	Former	298.00	47.99			13.34	15.00	5.03
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	10.00	1.87	8.00	53.33			
10	60-64	Current MRTP	3.00	0.56					
10	60-64	Current Dual	2.00	0.37					
10	60-64	Former	268.00	50.09			13.69	8.00	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	10.00	2.05	10.00	58.82			
10	65-69	Current MRTP	3.00	0.61					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	221.00	45.29			17.45	8.00	3.62
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	14.00	2.61	16.00	69.57			
10	70-74	Current MRTP	5.00	0.93					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	253.00	47.20			18.24	5.00	1.98
Year of Follow-up: 2000, Age Group: 75-79									
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	16.00	2.97	22.00	73.33			
10	75-79	Current MRTP	11.00	2.04					
10	75-79	Current Dual	3.00	0.56					
10	75-79	Former	229.00	42.49			22.05	11.00	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	4523.00	52.78					
15	All Ages	Current CC	189.00	2.21	233.00	52.13			
15	All Ages	Current MRTP	186.00	2.17					
15	All Ages	Current Dual	72.00	0.84					
15	All Ages	Former	3600.00	42.01			14.50	135.00	3.75
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	51.00	6.27	6.00	5.94			
15	25-29	Current MRTP	32.00	3.94					
15	25-29	Current Dual	18.00	2.21					
15	25-29	Former	166.00	20.42			5.51	29.00	17.47
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.RTF)

15	30-34	Current CC	44.00	5.21	16.00	19.75			
15	30-34	Current MRTP	29.00	3.44					
15	30-34	Current Dual	8.00	0.95					
15	30-34	Former	273.00	32.35			8.53	19.00	6.96
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	13.00	1.56	22.00	52.38			
15	35-39	Current MRTP	24.00	2.89					
15	35-39	Current Dual	5.00	0.60					
15	35-39	Former	355.00	42.72			11.29	15.00	4.23
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	17.00	1.70	29.00	65.91			
15	40-44	Current MRTP	18.00	1.80					
15	40-44	Current Dual	9.00	0.90					
15	40-44	Former	445.00	44.54			12.55	9.00	2.02
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	14.00	1.25	28.00	87.50			
15	45-49	Current MRTP	13.00	1.16					
15	45-49	Current Dual	5.00	0.45					
15	45-49	Former	529.00	47.15			13.23	12.00	2.27
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	10.00	1.03	31.00	96.88			
15	50-54	Current MRTP	13.00	1.34					
15	50-54	Current Dual	9.00	0.93					
15	50-54	Former	441.00	45.46			15.94	8.00	1.81
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	11.00	1.36	25.00	80.65			
15	55-59	Current MRTP	17.00	2.10					
15	55-59	Current Dual	3.00	0.37					
15	55-59	Former	358.00	44.14			15.56	13.00	3.63
Year of Follow-up: 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	8.00	1.29	20.00	86.96			
15	60-64	Current MRTP	12.00	1.93					
15	60-64	Current Dual	3.00	0.48					
15	60-64	Former	297.00	47.83			17.47	6.00	2.02
Year of Follow-up: 2005, Age Group: 65-69									
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	5.00	0.93	15.00	93.75			
15	65-69	Current MRTP	7.00	1.31					
15	65-69	Current Dual	4.00	0.75					
15	65-69	Former	267.00	49.91			17.75	10.00	3.75
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	8.00	1.64	20.00	95.24			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	4.00	0.82					
15	70-74	Former	217.00	44.47			20.48	5.00	2.30
Year of Follow-up: 2005, Age Group: 75-79									
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	8.00	1.49	21.00	87.50			
15	75-79	Current MRTP	12.00	2.24					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	252.00	47.01			21.37	9.00	3.57
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	122.00	1.52	248.00	65.44			

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.RTF)

20	All Ages	Current MRTP	193.00	2.40					
20	All Ages	Current Dual	64.00	0.80					
20	All Ages	Former	3429.00	42.68			17.61	107.00	3.12

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	521.00	64.08					
20	30-34	Current CC	38.00	4.67	13.00	15.12			
20	30-34	Current MRTP	37.00	4.55					
20	30-34	Current Dual	11.00	1.35					
20	30-34	Former	206.00	25.34			8.51	24.00	11.65

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	19.00	2.25	20.00	33.90			
20	35-39	Current MRTP	32.00	3.79					
20	35-39	Current Dual	8.00	0.95					
20	35-39	Former	307.00	36.37			11.59	17.00	5.54

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	7.00	0.84	27.00	81.82			
20	40-44	Current MRTP	21.00	2.53					
20	40-44	Current Dual	5.00	0.60					
20	40-44	Former	364.00	43.80			15.35	7.00	1.92

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	6.00	0.60	26.00	72.22			
20	45-49	Current MRTP	26.00	2.60					
20	45-49	Current Dual	4.00	0.40					
20	45-49	Former	453.00	45.35			16.65	7.00	1.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	13.00	1.16	39.00	97.50			
20	50-54	Current MRTP	19.00	1.69					
20	50-54	Current Dual	8.00	0.71					
20	50-54	Former	521.00	46.43			17.53	7.00	1.34

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	497.00	51.24					
20	55-59	Current CC	6.00	0.62	29.00	100.00			
20	55-59	Current MRTP	18.00	1.86					
20	55-59	Current Dual	5.00	0.52					
20	55-59	Former	444.00	45.77			19.76	10.00	2.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	11.00	1.36	32.00	96.97			
20	60-64	Current MRTP	16.00	1.97					

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.RTF)

20	60-64	Current Dual	6.00	0.74					
20	60-64	Former	356.00	43.90			19.35	11.00	3.09

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

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	5.00	0.81	19.00	100.00			
20	65-69	Current MRTP	13.00	2.09					
20	65-69	Current Dual	1.00	0.16					
20	65-69	Former	301.00	48.47			21.21	8.00	2.66

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

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	10.00	1.87	21.00	100.00			
20	70-74	Current MRTP	5.00	0.93					
20	70-74	Current Dual	6.00	1.12					
20	70-74	Former	262.00	48.97			22.06	8.00	3.05

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

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	7.00	1.43	22.00	95.65			
20	75-79	Current MRTP	6.00	1.23					
20	75-79	Current Dual	10.00	2.05					
20	75-79	Former	215.00	44.06			23.16	8.00	3.72

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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	58802.149	325.712	0.164	0.551	2826.86	839.248	834.625	4.623
1992	198532	60226.142	59289.588	936.554	0.472	1.555	2778.64	842.922	829.814	13.108
1993	202512	62332.320	60508.443	1823.877	0.901	2.926	2793.47	859.818	834.659	25.159
1994	200658	62691.239	59889.408	2801.831	1.396	4.469	2725.82	851.622	813.561	38.061
1995	201023	63132.954	59313.700	3819.254	1.900	6.050	2687.54	844.043	792.983	51.061
1996	201180	64309.880	59241.369	5068.511	2.519	7.881	2653.67	848.280	781.424	66.856
1997	198639	64547.894	58248.309	6299.584	3.171	9.760	2583.39	839.475	757.546	81.929
1998	197573	65384.866	57748.964	7635.902	3.865	11.678	2533.29	838.367	740.459	97.908
1999	211329	67554.762	57737.513	9817.249	4.645	14.532	2673.14	854.513	730.333	124.180
2000	208496	68184.366	56982.043	11202.32	5.373	16.429	2604.20	851.652	711.730	139.922
2001	203606	68286.060	55514.934	12771.13	6.272	18.702	2514.65	843.372	685.642	157.731
2002	200828	68983.996	54625.005	14358.99	7.150	20.815	2455.47	843.450	667.886	175.564
2003	196352	68717.830	53115.682	15602.15	7.946	22.705	2377.49	832.057	643.142	188.916
2004	188160	67344.952	50646.907	16698.05	8.874	24.795	2254.66	806.974	606.886	200.087
2005	186416	67846.650	49622.116	18224.53	9.776	26.861	2208.07	803.634	587.767	215.867
2006	180088	66622.465	47112.403	19510.06	10.834	29.285	2113.55	781.893	552.920	228.974
2007	175644	65977.201	45539.114	20438.09	11.636	30.977	2039.92	766.256	528.889	237.367
2008	177570	67121.344	45015.011	22106.33	12.449	32.935	2039.03	770.751	516.905	253.846
2009	172806	66622.993	43514.692	23108.30	13.372	34.685	1961.22	756.123	493.860	262.262

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

Age Group:All Year	Number Deaths	Null 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	1089767.938	212548.4	5.449	16.321	2465.77	823.300	688.931	134.369

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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_16_Extreme_situations.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	31459.454	70.565	0.162	0.224	620.154	447.530	446.528	1.002
1992	45423	32811.446	32602.334	209.112	0.460	0.637	635.738	459.227	456.301	2.927
1993	46291	33467.735	33055.388	412.347	0.891	1.232	638.542	461.657	455.969	5.688
1994	47017	33989.389	33341.424	647.965	1.378	1.906	638.697	461.725	452.923	8.802
1995	47840	34566.580	33649.962	916.618	1.916	2.652	639.587	462.131	449.876	12.255
1996	48244	34997.958	33771.971	1225.986	2.541	3.503	636.363	461.641	445.469	16.171
1997	49035	35549.658	33947.143	1602.514	3.268	4.508	637.723	462.340	441.498	20.841
1998	49686	36138.033	34110.018	2028.015	4.082	5.612	637.076	463.363	437.360	26.003
1999	48883	35506.142	33048.051	2458.091	5.029	6.923	618.331	449.124	418.031	31.093
2000	50331	36573.306	33585.471	2987.835	5.936	8.169	628.656	456.816	419.497	37.319
2001	50389	36733.445	33190.276	3543.169	7.032	9.646	622.333	453.679	409.919	43.760
2002	51445	37627.700	33413.205	4214.495	8.192	11.201	629.005	460.065	408.535	51.530
2003	51408	37552.784	32778.764	4774.020	9.287	12.713	622.464	454.701	396.896	57.805
2004	51399	37527.823	32112.162	5415.661	10.537	14.431	615.898	449.684	384.790	64.894
2005	51421	37486.186	31405.557	6080.630	11.825	16.221	609.074	444.018	371.994	72.024
2006	51355	37409.496	30527.252	6882.244	13.401	18.397	602.712	439.045	358.273	80.771
2007	51839	37602.867	29989.716	7613.151	14.686	20.246	602.056	436.718	348.299	88.419
2008	50976	36986.957	28856.908	8130.049	15.949	21.981	585.355	424.719	331.362	93.357
2009	51193	37201.944	28286.354	8915.590	17.416	23.965	581.003	422.215	321.030	101.185

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

Age Group:All Year	Number Deaths	Null 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	643776.782	68128.06	6.948	9.570	619.890	450.053	406.984	43.069

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	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	12504.572	158.407	0.164	1.251	1368.32	179.735	177.487	2.248
1992	93721	12337.995	11879.626	458.370	0.489	3.715	1311.71	172.682	166.267	6.415
1993	93679	12401.934	11529.624	872.310	0.931	7.034	1292.22	171.073	159.041	12.033
1994	90832	12128.576	10800.959	1327.617	1.462	10.946	1233.90	164.759	146.724	18.035
1995	89698	11958.696	10174.825	1783.871	1.989	14.917	1199.20	159.879	136.030	23.849
1996	88286	12020.749	9653.053	2367.696	2.682	19.697	1164.54	158.560	127.329	31.231
1997	84777	11593.724	8744.022	2849.702	3.361	24.580	1102.56	150.782	113.720	37.062
1998	82517	11337.035	7996.145	3340.890	4.049	29.469	1058.04	145.364	102.527	42.837
1999	93939	13027.458	8479.841	4547.617	4.841	34.908	1188.25	164.787	107.263	57.524
2000	90039	12607.547	7632.004	4975.544	5.526	39.465	1124.63	157.474	95.327	62.147
2001	86119	12350.451	6804.293	5546.158	6.440	44.907	1063.62	152.535	84.037	68.498
2002	83014	12112.097	6101.817	6010.280	7.240	49.622	1014.99	148.092	74.605	73.486
2003	79302	11683.252	5401.546	6281.707	7.921	53.767	960.214	141.465	65.404	76.061
2004	73861	11139.095	4673.266	6465.829	8.754	58.046	885.053	133.476	55.998	77.478
2005	71649	10884.683	4143.431	6741.252	9.409	61.933	848.672	128.927	49.078	79.849
2006	67551	10397.565	3512.147	6885.417	10.193	66.221	792.791	122.028	41.219	80.809
2007	63503	9785.831	2970.085	6815.747	10.733	69.649	737.521	113.652	34.494	79.158
2008	63171	9922.524	2736.298	7186.226	11.376	72.423	725.389	113.940	31.421	82.519
2009	59747	9483.598	2407.300	7076.298	11.844	74.616	678.085	107.632	27.321	80.311

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

Age Group:All Year	Number Deaths	Null 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	150791.613	81690.94	4.949	35.139	1043.56	146.971	95.328	51.643

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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	STROKE

Results for PHIM for Run 8 (APPENDIX_16_Extreme_situations.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	3064.023	51.993	0.160	1.669	461.369	44.228	43.490	0.738
1992	32560	3095.448	2951.453	143.995	0.442	4.652	455.708	43.324	41.308	2.015
1993	32768	3114.516	2843.133	271.383	0.828	8.714	452.005	42.962	39.218	3.743
1994	33005	3168.398	2746.714	421.685	1.278	13.309	448.353	43.041	37.312	5.728
1995	33730	3200.274	2630.242	570.032	1.690	17.812	450.946	42.785	35.164	7.621
1996	33750	3234.738	2491.300	743.438	2.203	22.983	445.180	42.668	32.862	9.806
1997	33699	3240.665	2324.716	915.948	2.718	28.264	438.271	42.146	30.234	11.912
1998	33274	3171.578	2102.858	1068.720	3.212	33.697	426.640	40.666	26.963	13.703
1999	33891	3153.786	1917.532	1236.254	3.648	39.199	428.694	39.893	24.255	15.638
2000	33827	3237.043	1805.945	1431.098	4.231	44.210	422.514	40.432	22.557	17.875
2001	32506	3110.972	1575.627	1535.345	4.723	49.353	401.468	38.422	19.460	18.962
2002	32078	3123.298	1457.673	1665.624	5.192	53.329	392.210	38.188	17.823	20.365
2003	30568	3025.984	1300.962	1725.022	5.643	57.007	370.127	36.640	15.752	20.887
2004	29388	2983.453	1172.096	1811.358	6.164	60.713	352.147	35.750	14.045	21.705
2005	27954	2926.679	1048.390	1878.289	6.719	64.178	331.111	34.666	12.418	22.248
2006	27201	2889.308	945.530	1943.778	7.146	67.275	319.236	33.909	11.097	22.813
2007	26302	2810.025	845.249	1964.776	7.470	69.920	305.470	32.636	9.817	22.819
2008	25998	2773.025	770.000	2003.025	7.705	72.232	298.534	31.843	8.842	23.001
2009	25040	2723.293	696.380	2026.913	8.095	74.429	284.186	30.907	7.903	23.004

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	37883.066	23408.68	3.754	38.192	394.195	38.747	23.949	14.799

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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	11774.101	44.746	0.168	0.379	377.015	167.754	167.119	0.635
1992	26828	11981.252	11856.175	125.077	0.466	1.044	375.483	167.689	165.938	1.751
1993	29774	13348.134	13080.298	267.836	0.900	2.007	410.705	184.125	180.431	3.695
1994	29804	13404.876	13000.311	404.565	1.357	3.018	404.869	182.097	176.601	5.496
1995	29755	13407.404	12858.671	548.734	1.844	4.093	397.803	179.248	171.911	7.336
1996	30900	14056.435	13325.045	731.390	2.367	5.203	407.587	185.412	175.764	9.647
1997	31128	14163.848	13232.428	931.420	2.992	6.576	404.834	184.207	172.094	12.114
1998	32096	14738.220	13539.943	1198.277	3.733	8.130	411.536	188.974	173.610	15.364
1999	34616	15867.376	14292.089	1575.287	4.551	9.928	437.865	200.710	180.783	19.926
2000	34299	15766.470	13958.623	1807.846	5.271	11.466	428.409	196.930	174.349	22.581
2001	34592	16091.193	13944.737	2146.455	6.205	13.339	427.231	198.736	172.226	26.510
2002	34291	16120.902	13652.309	2468.593	7.199	15.313	419.268	197.106	166.923	30.183
2003	35074	16455.810	13634.411	2821.400	8.044	17.145	424.687	199.252	165.090	34.162
2004	33512	15694.580	12689.383	3005.197	8.968	19.148	401.564	188.063	152.053	36.010
2005	35392	16549.102	13024.738	3524.364	9.958	21.296	419.213	196.022	154.276	41.746
2006	33981	15926.096	12127.474	3798.622	11.179	23.852	398.807	186.912	142.330	44.581
2007	34000	15778.477	11734.064	4044.414	11.895	25.632	394.875	183.251	136.279	46.972
2008	37425	17438.838	12651.805	4787.033	12.791	27.450	429.749	200.249	145.280	54.969
2009	36826	17214.158	12124.658	5089.500	13.820	29.566	417.948	195.368	137.606	57.762

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

Age Group:	All	Null	MRTP			%Drop		Null	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	257316.476	39320.76	6.091	13.256	408.132	187.528	162.671	24.858