Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.RTF)

System Date and Time: 20160408_091205
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 1

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	1
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	GUESSMRTP9
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_8_Varying_short-term_definition
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 1, Scenario: STP_NULL

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

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

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

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STP values for Run: 1, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		GUESSMRTP9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.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	270.00	10.53

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

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	28.00	34.15

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

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	48.00	30.19

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

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	48.00	21.52

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

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	32.00	12.40

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

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	30.00	10.79

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

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	11.00	4.85

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

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	21.00	10.00

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

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	23.00	9.43

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

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	5.00	1.99

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

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	6.00	2.35

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	3.00	1.42

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

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	3.00	1.97

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

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	2688.00	29.29	154.00	5.73			
5	All Ages	Former	2610.00	28.44			15.31	85.00	3.26

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	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	0.00	0.00

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	8.00	25.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	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	4.00	3.51

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	377.00	35.10	10.00	2.65			
5	30-34	Former	204.00	18.99			6.29	16.00	7.84

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

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	358.00	33.06	11.00	3.07			
5	35-39	Former	256.00	23.64			7.68	17.00	6.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	296.00	30.42	22.00	7.43			
5	40-44	Former	271.00	27.85			11.90	5.00	1.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	236.00	27.47	10.00	4.24			
5	45-49	Former	315.00	36.67			13.32	7.00	2.22

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

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	3.00	1.25

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

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	4.00	1.83

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	6.00	2.47

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

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

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5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	9.00	3.64

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	2.00	0.79

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	4.00	1.87

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

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	2658.00	28.35	248.00	9.33			
10	All Ages	Former	2628.00	28.03			16.81	88.00	3.35

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

Period	Age Group	Smoking Group	N	%	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	7.00	35.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	278.00	30.38	4.00	1.44			
10	25-29	Former	70.00	7.65			4.44	7.00	10.00

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	503.00	52.51					
10	30-34	Current	308.00	32.15	11.00	3.57			
10	30-34	Former	147.00	15.34			8.06	8.00	5.44

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

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			9.35	8.00	3.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	327.00	30.19	19.00	5.81			
10	40-44	Former	287.00	26.50			11.09	10.00	3.48

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

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			14.68	7.00	2.39

Year of Follow-up: 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	9.00	2.75

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

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	4.00	1.63

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

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	6.00	2.54

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.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	9.00	3.54

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

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	9.00	3.53

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

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	4.00	1.61

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

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	2505.00	28.06	323.00	12.89			
15	All Ages	Former	2546.00	28.52			18.23	84.00	3.30

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	10.00	19.23

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

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			7.53	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	281.00	29.33	18.00	6.41			
15	35-39	Former	180.00	18.79			10.53	10.00	5.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	316.00	29.42	22.00	6.96			
15	40-44	Former	269.00	25.05			12.83	11.00	4.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	311.00	28.72	33.00	10.61			
15	45-49	Former	303.00	27.98			14.59	6.00	1.98

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

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			17.30	10.00	3.15

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

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	6.00	1.86

Year of Follow-up: 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_8_Varying_short-term_definition.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	175.00	27.78	28.00	16.00			
15	60-64	Former	263.00	41.75			22.99	9.00	3.42
Year of Follow-up: 2005, Age Group: 65-69									
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	123.00	23.47	32.00	26.02			
15	65-69	Former	246.00	46.95			21.70	7.00	2.85
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	1.00	0.40
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	127.00	25.40	50.00	39.37			
15	75-79	Former	253.00	50.60			25.58	8.00	3.16
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	2284.00	27.10	383.00	16.77			
20	All Ages	Former	2435.00	28.90			19.62	55.00	2.26
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	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	7.00	8.97
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	273.00	29.84	9.00	3.30			
20	35-39	Former	118.00	12.90			9.90	3.00	2.54
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	497.00	51.88					
20	40-44	Current	263.00	27.45	22.00	8.37			
20	40-44	Former	198.00	20.67			14.09	4.00	2.02
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	299.00	27.84	33.00	11.04			
20	45-49	Former	286.00	26.63			16.23	3.00	1.05
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	296.00	27.33	46.00	15.54			
20	50-54	Former	318.00	29.36			17.90	4.00	1.26
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	240.00	24.67	62.00	25.83			
20	55-59	Former	327.00	33.61			20.04	6.00	1.83

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.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	7.00	2.10

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

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			24.25	10.00	3.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.62	8.00	3.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	3.00	1.19

****

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	270.00	10.53

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

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	28.00	34.15

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

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	48.00	30.19

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

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	48.00	21.52

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

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	32.00	12.40

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.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	30.00	10.79

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

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	11.00	4.85

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

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	21.00	10.00

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

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	23.00	9.43

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

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	5.00	1.99

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

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	6.00	2.35

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

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	3.00	1.42

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

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	3.00	1.97

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2461.00	26.82	140.00	5.24			
5	All Ages	Current MRTP	130.00	1.42					
5	All Ages	Current Dual	83.00	0.90					
5	All Ages	Former	2602.00	28.35			15.48	79.00	3.04

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

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

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

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	4.00	12.50
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	535.00	55.85					
5	25-29	Current CC	278.00	29.02	4.00	1.30			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	115.00	12.00			4.89	12.00	10.43
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	9.00	2.38			
5	30-34	Current MRTP	16.00	1.49					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	202.00	18.81			6.40	9.00	4.46
Year of Follow-up: 1995, Age Group: 35-39									
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	335.00	30.93	13.00	3.71			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	255.00	23.55			7.74	11.00	4.31
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	12.00	4.08			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	3.00	0.31					
5	40-44	Former	273.00	28.06			12.19	5.00	1.83
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	10.00	3.98			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	6.00	0.70					
5	45-49	Former	300.00	34.92			13.75	8.00	2.67
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	3.00	1.29
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	10.00	4.55
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	15.00	11.72			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	5.00	0.97					
5	60-64	Former	246.00	47.77			18.95	4.00	1.63
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	5.00	1.95
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	21.00	24.14			
5	70-74	Current MRTP	8.00	1.79					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	255.00	56.92			22.36	4.00	1.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	3.00	1.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2260.00	24.11	230.00	8.54			
10	All Ages	Current MRTP	262.00	2.79					
10	All Ages	Current Dual	172.00	1.83					
10	All Ages	Former	2608.00	27.82			17.17	82.00	3.14

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	6.00	28.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	3.00	1.00			
10	25-29	Current MRTP	26.00	2.84					
10	25-29	Current Dual	34.00	3.72					
10	25-29	Former	62.00	6.78			4.84	10.00	16.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	10.00	3.16			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	24.00	2.51					
10	30-34	Former	143.00	14.93			7.99	7.00	4.90

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	488.00	45.44					
10	35-39	Current CC	316.00	29.42	19.00	5.31			
10	35-39	Current MRTP	28.00	2.61					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	228.00	21.23			9.91	6.00	2.63

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	284.00	26.22	25.00	7.94			
10	40-44	Current MRTP	22.00	2.03					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	290.00	26.78			10.89	10.00	3.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	20.00	7.19			
10	45-49	Current MRTP	16.00	1.64					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	289.00	29.70			15.74	6.00	2.08

Year of Follow-up: 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_8_Varying_short-term_definition.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	28.00	11.67			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	11.00	1.28					
10	50-54	Former	311.00	36.20			17.14	2.00	0.64
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	26.00	13.76			
10	55-59	Current MRTP	21.00	3.33					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	249.00	39.52			20.22	4.00	1.61
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	17.00	12.88			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	6.00	1.15					
10	60-64	Former	237.00	45.23			19.43	9.00	3.80
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	22.00	18.49			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	4.00	0.78					
10	65-69	Former	255.00	49.51			21.66	7.00	2.75
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	261.00	52.20			24.21	8.00	3.07
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	29.00	36.25			
10	75-79	Current MRTP	14.00	3.13					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	262.00	58.48			24.89	7.00	2.67
Year of Follow-up: 2005, Age Group: All Ages									
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	1982.00	22.20	292.00	11.55			
15	All Ages	Current MRTP	352.00	3.94					
15	All Ages	Current Dual	194.00	2.17					
15	All Ages	Former	2531.00	28.35			18.70	63.00	2.49
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	1.00	0.35			
15	25-29	Current MRTP	57.00	6.36					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	47.00	5.25			4.17	4.00	8.51
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.RTF)

15	30-34	Current CC	219.00	23.93	9.00	3.01			
15	30-34	Current MRTP	41.00	4.48					
15	30-34	Current Dual	39.00	4.26					
15	30-34	Former	91.00	9.95			6.70	8.00	8.79
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	226.00	23.59	21.00	6.95			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	29.00	3.03					
15	35-39	Former	166.00	17.33			10.72	6.00	3.61
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	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	35.00	3.26					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	262.00	24.39			12.66	11.00	4.20
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	257.00	23.73	37.00	12.25			
15	45-49	Current MRTP	35.00	3.23					
15	45-49	Current Dual	10.00	0.92					
15	45-49	Former	303.00	27.98			14.75	4.00	1.32
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	26.00	2.67					
15	50-54	Current Dual	9.00	0.92					
15	50-54	Former	317.00	32.58			18.46	6.00	1.89
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	308.00	35.86					
15	55-59	Current CC	182.00	21.19	36.00	16.22			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	10.00	1.16					
15	55-59	Former	329.00	38.30			20.12	7.00	2.13
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	149.00	23.65	34.00	18.58			
15	60-64	Current MRTP	29.00	4.60					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	255.00	40.48			22.92	6.00	2.35
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	26.00	20.31			
15	65-69	Current MRTP	11.00	2.10					
15	65-69	Current Dual	7.00	1.34					
15	65-69	Former	241.00	45.99			22.38	2.00	0.83
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	34.00	28.57			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	255.00	49.51			24.87	4.00	1.57
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	265.00	53.00			26.08	5.00	1.89
Year of Follow-up: 2010, Age Group: All Ages									
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	1642.00	19.48	336.00	14.91			

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.RTF)

20	All Ages	Current MRTP	399.00	4.73					
20	All Ages	Current Dual	213.00	2.53					
20	All Ages	Former	2453.00	29.11			19.76	67.00	2.73
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	162.00	18.08	5.00	1.87			
20	30-34	Current MRTP	58.00	6.47					
20	30-34	Current Dual	48.00	5.36					
20	30-34	Former	81.00	9.04			6.09	6.00	7.41
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	11.00	3.90			
20	35-39	Current MRTP	52.00	5.68					
20	35-39	Current Dual	40.00	4.37					
20	35-39	Former	118.00	12.90			8.87	9.00	7.63
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	25.00	8.83			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	32.00	3.34					
20	40-44	Former	185.00	19.31			13.63	2.00	1.08
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	248.00	23.09	33.00	10.93			
20	45-49	Current MRTP	36.00	3.35					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	284.00	26.44			15.65	7.00	2.46
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	217.00	20.04	48.00	17.27			
20	50-54	Current MRTP	48.00	4.43					
20	50-54	Current Dual	13.00	1.20					
20	50-54	Former	327.00	30.19			17.54	8.00	2.45
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	35.00	15.15			
20	55-59	Current MRTP	32.00	3.29					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	336.00	34.53			21.19	6.00	1.79
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	45.00	21.53			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 1 (APPENDIX_8_Varying_short-term_definition.RTF)

20	60-64	Current Dual	14.00	1.63					
20	60-64	Former	342.00	39.81			22.41	8.00	2.34

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	116.00	18.41	43.00	26.54			
20	65-69	Current MRTP	38.00	6.03					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	11.00	3.99

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	42.00	33.33			
20	70-74	Current MRTP	22.00	4.20					
20	70-74	Current Dual	10.00	1.91					
20	70-74	Former	243.00	46.37			25.17	5.00	2.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	49.00	43.36			
20	75-79	Current MRTP	28.00	5.44					
20	75-79	Current Dual	17.00	3.30					
20	75-79	Former	261.00	50.68			25.79	5.00	1.92

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124128.316	124098.952	29.364	0.009	0.024	4845.61	1920.32	1919.87	0.454
1992	308577	122135.539	121993.359	142.179	0.046	0.116	4692.62	1857.35	1855.19	2.162
1993	311713	123255.345	122921.351	333.994	0.107	0.271	4656.77	1841.35	1836.36	4.990
1994	305700	120463.670	119954.464	509.207	0.167	0.423	4482.57	1766.39	1758.93	7.467
1995	303225	118645.391	117894.940	750.452	0.247	0.633	4361.58	1706.59	1695.80	10.794
1996	299559	116573.635	115629.862	943.773	0.315	0.810	4242.85	1651.11	1637.74	13.367
1997	294226	114631.931	113538.887	1093.044	0.371	0.954	4100.64	1597.63	1582.39	15.234
1998	289258	113007.375	111675.345	1332.030	0.460	1.179	3966.28	1549.55	1531.28	18.265
1999	311002	117031.818	115220.966	1810.852	0.582	1.547	4198.14	1579.79	1555.34	24.444
2000	303786	114927.394	112908.854	2018.540	0.664	1.756	4041.13	1528.83	1501.97	26.852
2001	296294	112978.258	110796.029	2182.228	0.737	1.932	3890.54	1483.48	1454.83	28.654
2002	291898	111667.787	109275.668	2392.119	0.820	2.142	3789.34	1449.64	1418.59	31.054
2003	285865	110472.261	107852.698	2619.563	0.916	2.371	3671.31	1418.77	1385.13	33.643
2004	274177	107330.318	104649.775	2680.543	0.978	2.497	3481.92	1363.05	1329.00	34.042
2005	272379	107581.825	104718.950	2862.874	1.051	2.661	3417.44	1349.79	1313.87	35.919
2006	264118	104251.576	101338.096	2913.480	1.103	2.795	3281.83	1295.39	1259.19	36.202
2007	258419	102584.949	99527.101	3057.848	1.183	2.981	3176.05	1260.80	1223.22	37.582
2008	259461	103381.365	99917.128	3464.237	1.335	3.351	3150.91	1255.47	1213.40	42.070
2009	253907	101267.341	97520.764	3746.577	1.476	3.700	3045.20	1214.54	1169.60	44.934

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

Age Group:All Year	Number Deaths	Null 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	2272146.054	2237263.149	34882.90	0.600	1.535	3927.78	1535.02	1511.45	23.566

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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_8_Varying_short-term_definition.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	63067.661	63059.916	7.745	0.010	0.012	1213.84	975.685	975.565	0.120
1992	77987	62534.039	62503.893	30.146	0.039	0.048	1185.97	950.973	950.515	0.458
1993	78542	62881.550	62816.205	65.345	0.083	0.104	1173.36	939.405	938.428	0.976
1994	77437	61804.004	61701.805	102.199	0.132	0.165	1135.48	906.250	904.751	1.499
1995	76904	61143.804	60990.205	153.599	0.200	0.251	1106.18	879.490	877.281	2.209
1996	76232	60381.925	60189.445	192.480	0.252	0.319	1079.72	855.229	852.503	2.726
1997	75473	59546.286	59336.532	209.754	0.278	0.352	1051.87	829.898	826.975	2.923
1998	75381	59288.676	58996.623	292.054	0.387	0.493	1033.62	812.960	808.956	4.005
1999	73159	57394.682	57030.983	363.699	0.497	0.634	987.557	774.758	769.848	4.909
2000	73784	57710.066	57264.180	445.886	0.604	0.773	981.515	767.691	761.759	5.931
2001	73294	57201.453	56703.233	498.220	0.680	0.871	962.399	751.093	744.551	6.542
2002	72442	56426.631	55876.416	550.215	0.760	0.975	940.422	732.515	725.373	7.143
2003	71942	55934.923	55354.075	580.849	0.807	1.038	923.937	718.361	710.901	7.460
2004	71301	55323.623	54711.936	611.687	0.858	1.106	905.490	702.585	694.817	7.768
2005	70964	54945.445	54311.481	633.964	0.893	1.154	890.360	689.381	681.427	7.954
2006	69658	53758.614	53127.671	630.943	0.906	1.174	865.543	667.984	660.144	7.840
2007	68565	52761.749	52104.057	657.692	0.959	1.247	842.687	648.459	640.376	8.083
2008	68226	52447.279	51677.998	769.281	1.128	1.467	828.542	636.924	627.582	9.342
2009	67509	51798.057	50953.601	844.456	1.251	1.630	809.661	621.234	611.106	10.128

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159794.874	1152154.661	7640.213	0.518	0.659	997.213	783.534	778.373	5.162

****

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	37065.743	37047.524	18.218	0.011	0.049	2599.72	573.424	573.142	0.282
1992	164548	35858.782	35772.505	86.276	0.052	0.241	2502.33	545.315	544.003	1.312
1993	164362	35449.755	35247.182	202.572	0.123	0.571	2455.45	529.594	526.567	3.026
1994	159866	34280.987	33982.834	298.153	0.187	0.870	2344.16	502.672	498.300	4.372
1995	158083	33515.208	33086.569	428.639	0.271	1.279	2273.86	482.081	475.916	6.166
1996	154875	32412.116	31878.449	533.668	0.345	1.647	2193.60	459.074	451.515	7.559
1997	149970	31154.338	30526.447	627.891	0.419	2.015	2090.14	434.199	425.448	8.751
1998	145407	29837.607	29126.735	710.872	0.489	2.382	1993.81	409.130	399.383	9.747
1999	165952	34386.223	33377.710	1008.513	0.608	2.933	2240.15	464.172	450.558	13.614
2000	160260	33229.654	32156.083	1073.571	0.670	3.231	2131.87	442.039	427.758	14.281
2001	154444	32026.856	30883.986	1142.870	0.740	3.568	2027.95	420.534	405.527	15.007
2002	151887	31766.457	30520.676	1245.780	0.820	3.922	1971.76	412.384	396.211	16.172
2003	146733	30974.276	29570.236	1404.040	0.957	4.533	1884.46	397.796	379.765	18.032
2004	138381	29447.570	28006.349	1441.221	1.041	4.894	1757.38	373.971	355.668	18.303
2005	135881	29019.477	27472.728	1546.749	1.138	5.330	1704.85	364.097	344.691	19.407
2006	131922	28323.455	26696.428	1627.027	1.233	5.744	1639.21	351.936	331.719	20.217
2007	126502	27267.887	25560.546	1707.342	1.350	6.261	1554.75	335.131	314.148	20.984
2008	125859	26962.620	25101.033	1861.588	1.479	6.904	1528.44	327.436	304.829	22.607
2009	122428	26295.301	24284.537	2010.764	1.642	7.647	1468.33	315.370	291.254	24.116

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

Age Group:All Year	Number Deaths	Null 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	637657.210	618681.456	18975.75	0.633	2.976	2024.64	430.789	417.969	12.820

****

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_8_Varying_short-term_definition.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	4487.709	4486.671	1.038	0.003	0.023	504.630	69.427	69.411	0.016
1992	32100	4370.575	4358.376	12.199	0.038	0.279	488.154	66.465	66.279	0.186
1993	32896	4413.055	4378.565	34.491	0.105	0.782	491.442	65.928	65.413	0.515
1994	33323	4473.442	4418.938	54.504	0.164	1.218	488.625	65.595	64.796	0.799
1995	33569	4474.158	4392.169	81.989	0.244	1.833	482.855	64.356	63.177	1.179
1996	33870	4485.853	4376.823	109.030	0.322	2.431	479.723	63.536	61.992	1.544
1997	33516	4441.561	4303.405	138.157	0.412	3.111	467.113	61.902	59.977	1.925
1998	32795	4310.189	4168.641	141.548	0.432	3.284	449.682	59.101	57.160	1.941
1999	33375	4229.579	4063.568	166.011	0.497	3.925	450.521	57.094	54.853	2.241
2000	33459	4302.337	4130.383	171.954	0.514	3.997	445.090	57.232	54.945	2.287
2001	32275	4129.266	3960.084	169.182	0.524	4.097	423.792	54.220	51.999	2.221
2002	31586	4071.303	3896.953	174.350	0.552	4.282	410.041	52.853	50.589	2.263
2003	30985	4088.320	3874.545	213.775	0.690	5.229	397.934	52.505	49.760	2.745
2004	29884	4025.451	3806.319	219.131	0.733	5.444	379.513	51.121	48.339	2.783
2005	28708	3936.240	3707.644	228.597	0.796	5.807	360.189	49.387	46.518	2.868
2006	28188	3961.696	3710.798	250.898	0.890	6.333	350.253	49.226	46.109	3.118
2007	28026	3949.223	3673.204	276.018	0.985	6.989	344.449	48.537	45.145	3.392
2008	27128	3803.819	3526.447	277.371	1.022	7.292	329.444	46.194	42.825	3.368
2009	27068	3818.502	3502.164	316.338	1.169	8.284	324.637	45.797	42.003	3.794

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

Age Group:	All	Null	MRTP			%Drop		Null	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	84359.877	81323.296	3036.581	0.483	3.600	424.421	56.992	54.940	2.051

****

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	19507.204	19504.841	2.363	0.007	0.012	527.418	301.785	301.749	0.037
1992	33942	19372.142	19358.585	13.558	0.040	0.070	516.166	294.598	294.392	0.206
1993	35913	20510.985	20479.399	31.586	0.088	0.154	536.514	306.419	305.947	0.472
1994	35074	19905.238	19850.886	54.351	0.155	0.273	514.300	291.876	291.079	0.797
1995	34669	19512.221	19425.996	86.225	0.249	0.442	498.677	280.663	279.423	1.240
1996	34582	19293.741	19185.145	108.596	0.314	0.563	489.808	273.270	271.732	1.538
1997	35267	19489.746	19372.504	117.242	0.332	0.602	491.517	271.629	269.995	1.634
1998	35675	19570.903	19383.346	187.557	0.526	0.958	489.172	268.354	265.782	2.572
1999	38516	21021.334	20748.705	272.629	0.708	1.297	519.919	283.762	280.082	3.680
2000	36283	19685.337	19358.207	327.129	0.902	1.662	482.656	261.865	257.513	4.352
2001	36281	19620.682	19248.726	371.956	1.025	1.896	476.394	257.633	252.749	4.884
2002	35983	19403.396	18981.623	421.773	1.172	2.174	467.122	251.890	246.414	5.475
2003	36205	19474.741	19053.842	420.900	1.163	2.161	464.974	250.110	244.705	5.406
2004	34611	18533.674	18125.171	408.503	1.180	2.204	439.544	235.369	230.181	5.188
2005	36826	19680.662	19227.098	453.564	1.232	2.305	462.043	246.926	241.236	5.691
2006	34350	18207.810	17803.198	404.612	1.178	2.222	426.820	226.243	221.216	5.028
2007	35326	18606.090	18189.294	416.796	1.180	2.240	434.168	228.675	223.552	5.123
2008	38248	20167.647	19611.650	555.997	1.454	2.757	464.487	244.917	238.165	6.752
2009	36902	19355.481	18780.462	575.020	1.558	2.971	442.580	232.138	225.241	6.896

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

Age Group:	All	Null	MRTP			%Drop		Null	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	390334.093	385103.736	5230.357	0.734	1.340	481.512	263.702	260.168	3.534

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.RTF)

System Date and Time: 20160408_091205
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 2

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	1
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	GUESSMRTP9
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_8_Varying_short-term_definition
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 2, Scenario: STP_NULL

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

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

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.RTF)

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

****

STP values for Run: 2, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSMRTP9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.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	217.00	11.27

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

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	13.00	92.86

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

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	45.00	38.79

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

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	24.00	14.72

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

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	45.00	21.43

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

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	26.00	11.21

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

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	19.00	10.38

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

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	14.00	9.09

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

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	7.00	5.07

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

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	9.00	7.03

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

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	5.00	3.07

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

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	6.00	3.37

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.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	4.00	2.44

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

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	0.00	0.00

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

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	2226.00	24.52	117.00	5.26			
5	All Ages	Former	1993.00	21.95			14.71	55.00	2.76

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

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	3.00	8.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	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	6.00	4.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	8.00	4.44

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

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	5.00	2.13

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

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	228.00	23.51	17.00	7.46			
5	40-44	Former	245.00	25.26			11.40	5.00	2.04

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

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	5.00	2.56

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

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	5.00	3.01

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

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	2.00	1.31

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

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	5.00	3.65

Year of Follow-up: 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_8_Varying_short-term_definition.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	4.00	2.38

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	3.00	1.64

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	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	3.00	1.84

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2208.00	24.24	196.00	8.88			
10	All Ages	Former	2039.00	22.38			15.86	81.00	3.97

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	7.00	30.43

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

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	7.00	10.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	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	8.00	5.37

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

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	9.00	4.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	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	11.00	4.12

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	206.00	21.24	26.00	12.62			
10	45-49	Former	267.00	27.53			14.48	10.00	3.75

Year of Follow-up: 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	7.00	3.40

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

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	3.00	1.71

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

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	3.00	1.92

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.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	4.00	2.74

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	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	5.00	2.70

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

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	7.00	3.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2070.00	24.15	271.00	13.09			
15	All Ages	Former	2009.00	23.44			17.27	58.00	2.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	6.00	14.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	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	3.00	3.19

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

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	5.00	2.79

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

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	8.00	3.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	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	6.00	2.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	198.00	20.41	36.00	18.18			
15	50-54	Former	275.00	28.35			18.00	4.00	1.45

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

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	7.00	3.17

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

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

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.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	4.00	2.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	121.00	22.62	21.00	17.36			
15	65-69	Former	162.00	30.28			21.38	6.00	3.70

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

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	4.00	2.72

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.04	5.00	2.63

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

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	1864.00	23.20	292.00	15.67			
20	All Ages	Former	1972.00	24.55			18.92	53.00	2.69

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	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	7.00	10.61

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

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	6.00	5.36

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

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	5.00	2.53

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

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	7.00	2.87

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

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	259.00	23.08	48.00	18.53			
20	50-54	Former	304.00	27.09			17.85	4.00	1.32

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	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.87	5.00	1.71

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.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	5.00	2.18

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.71	4.00	2.04

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

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			23.50	5.00	2.94

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

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	5.00	3.13

****

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	217.00	11.27

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

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	13.00	92.86

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

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	45.00	38.79

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

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	24.00	14.72

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

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	45.00	21.43

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

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	26.00	11.21

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.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	19.00	10.38

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

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	14.00	9.09

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

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	7.00	5.07

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

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	9.00	7.03

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

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	5.00	3.07

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

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	6.00	3.37

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

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	4.00	2.44

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

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	0.00	0.00

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

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	2020.00	22.25	114.00	5.18			
5	All Ages	Current MRTP	114.00	1.26					
5	All Ages	Current Dual	67.00	0.74					
5	All Ages	Former	1993.00	21.95			14.74	58.00	2.91

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	0.00	0.00

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

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	3.00	1.16			
5	20-24	Current MRTP	20.00	2.37					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	28.00	3.32			2.93	7.00	25.00
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	204.00	24.55	9.00	3.91			
5	25-29	Current MRTP	17.00	2.05					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.43	6.00	4.35
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	12.00	4.07			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	8.00	0.80					
5	30-34	Former	182.00	18.22			7.84	7.00	3.85
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	7.00	2.17			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	6.00	0.53					
5	35-39	Former	239.00	21.30			8.48	6.00	2.51
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	6.00	2.38
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	8.00	4.35			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	5.00	0.62					
5	45-49	Former	205.00	25.28			11.19	8.00	3.90
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	5.00	2.98
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	3.00	1.95
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	2.00	1.53
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	2.00	1.25
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	5.00	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	267.00	54.94					
5	75-79	Current CC	50.00	10.29	15.00	24.59			
5	75-79	Current MRTP	7.00	1.44					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	158.00	32.51			28.17	1.00	0.63

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1851.00	20.32	184.00	8.37			
10	All Ages	Current MRTP	228.00	2.50					
10	All Ages	Current Dual	119.00	1.31					
10	All Ages	Former	2013.00	22.10			16.22	52.00	2.58

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	2.00	10.53

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	4.00	1.49			
10	25-29	Current MRTP	33.00	3.91					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	53.00	6.28			4.92	9.00	16.98

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	186.00	22.38	14.00	6.09			
10	30-34	Current MRTP	27.00	3.25					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	160.00	19.25			8.93	6.00	3.75

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	25.00	8.53			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	16.00	1.60					
10	35-39	Former	196.00	19.62			11.23	4.00	2.04

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	561.00	50.00					
10	40-44	Current CC	262.00	23.35	17.00	5.94			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	5.00	0.45					
10	40-44	Former	275.00	24.51			11.36	8.00	2.91

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	19.00	9.22			
10	45-49	Current MRTP	18.00	1.86					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	267.00	27.53			15.21	3.00	1.12

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

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

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10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.79	2.00	0.94
Year of Follow-up: 2000, Age Group: 55-59									
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	125.00	20.13	16.00	11.19			
10	55-59	Current MRTP	13.00	2.09					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	4.00	2.26
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	4.00	2.45
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	1.00	0.71
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	4.00	2.30
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	5.00	2.84
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1556.00	18.16	232.00	11.58			
15	All Ages	Current MRTP	287.00	3.35					
15	All Ages	Current Dual	160.00	1.87					
15	All Ages	Former	2044.00	23.85			17.31	76.00	3.72
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	2.00	0.87			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	39.00	4.80					
15	25-29	Former	38.00	4.67			4.05	9.00	23.68
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

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15	30-34	Current CC	188.00	22.27	8.00	2.94			
15	30-34	Current MRTP	53.00	6.28					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	82.00	9.72			6.68	9.00	10.98
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	159.00	19.13	22.00	10.58			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	189.00	22.74			11.65	8.00	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	222.00	22.22	33.00	12.09			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	23.00	2.30					
15	40-44	Former	216.00	21.62			14.24	6.00	2.78
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	227.00	20.23	24.00	8.96			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	10.00	0.89					
15	45-49	Former	293.00	26.11			14.87	8.00	2.73
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	28.00	15.14			
15	50-54	Current MRTP	21.00	2.16					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	288.00	29.69			17.99	7.00	2.43
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.69	8.00	3.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	99.00	15.94	18.00	14.75			
15	60-64	Current MRTP	19.00	3.06					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	2.00	1.01
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	24.00	21.62			
15	65-69	Current MRTP	12.00	2.24					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	172.00	32.15			21.23	5.00	2.91
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	8.00	5.19
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	68.00	12.69	28.00	30.77			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	6.00	3.24
Year of Follow-up: 2010, Age Group: All Ages									
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	1304.00	16.23	251.00	14.23			

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20	All Ages	Current MRTP	301.00	3.75					
20	All Ages	Current Dual	159.00	1.98					
20	All Ages	Former	2044.00	25.44			18.81	70.00	3.42
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	139.00	17.10	3.00	1.32			
20	30-34	Current MRTP	50.00	6.15					
20	30-34	Current Dual	38.00	4.67					
20	30-34	Former	65.00	8.00			5.83	7.00	10.77
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	160.00	18.96	10.00	3.97			
20	35-39	Current MRTP	59.00	6.99					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	114.00	13.51			8.52	9.00	7.89
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	138.00	16.61	27.00	14.29			
20	40-44	Current MRTP	35.00	4.21					
20	40-44	Current Dual	16.00	1.93					
20	40-44	Former	208.00	25.03			15.00	3.00	1.44
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	200.00	20.02	37.00	14.68			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	23.00	2.30					
20	45-49	Former	237.00	23.72			16.96	4.00	1.69
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	31.00	12.65			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	12.00	1.07					
20	50-54	Former	316.00	28.16			17.69	8.00	2.53
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	33.00	20.00			
20	55-59	Current MRTP	26.00	2.68					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	308.00	31.75			20.59	9.00	2.92
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	35.00	23.65			
20	60-64	Current MRTP	25.00	3.08					

Results for PHIM for Run 2 (APPENDIX_8_Varying_short-term_definition.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	241.00	29.72			20.36	7.00	2.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	87.00	14.01	23.00	20.54			
20	65-69	Current MRTP	21.00	3.38					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	6.00	2.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	27.00	27.27			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	184.00	34.39			23.67	8.00	4.35

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	11.00	2.25					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	163.00	33.40			24.37	9.00	5.52

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.388	59119.183	8.205	0.004	0.014	2826.86	839.241	839.124	0.116
1992	198532	60225.285	60211.081	14.204	0.007	0.024	2778.64	842.910	842.711	0.199
1993	202512	62330.762	62276.744	54.018	0.027	0.087	2793.47	859.796	859.051	0.745
1994	200658	62689.164	62613.349	75.816	0.038	0.121	2725.82	851.594	850.564	1.030
1995	201023	63130.447	63010.220	120.228	0.060	0.190	2687.54	844.010	842.402	1.607
1996	201180	64303.867	64218.033	85.834	0.043	0.133	2653.67	848.201	847.068	1.132
1997	198639	64542.049	64416.435	125.614	0.063	0.195	2583.39	839.399	837.765	1.634
1998	197573	65378.615	65129.662	248.953	0.126	0.381	2533.29	838.287	835.095	3.192
1999	211329	67547.443	67148.271	399.172	0.189	0.591	2673.14	854.421	849.372	5.049
2000	208496	68176.226	67660.306	515.920	0.247	0.757	2604.20	851.550	845.106	6.444
2001	203606	68269.091	67610.955	658.136	0.323	0.964	2514.65	843.163	835.034	8.128
2002	200828	68962.140	68235.028	727.112	0.362	1.054	2455.47	843.183	834.293	8.890
2003	196352	68693.703	67740.192	953.511	0.486	1.388	2377.49	831.765	820.220	11.545
2004	188160	67319.359	66045.420	1273.939	0.677	1.892	2254.66	806.667	791.402	15.265
2005	186416	67813.025	66317.659	1495.366	0.802	2.205	2208.07	803.235	785.523	17.712
2006	180088	66585.271	64624.227	1961.044	1.089	2.945	2113.55	781.457	758.442	23.015
2007	175644	65940.356	63631.161	2309.195	1.315	3.502	2039.92	765.828	739.010	26.819
2008	177570	67083.133	64570.007	2513.126	1.415	3.746	2039.03	770.312	741.454	28.858
2009	172806	66580.490	63727.090	2853.399	1.651	4.286	1961.22	755.640	723.256	32.384

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

Age Group:All Year	Number Deaths	Null 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	1301998.403	1285605.611	16392.79	0.420	1.259	2465.77	823.099	812.736	10.363

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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_8_Varying_short-term_definition.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	31525.750	4.225	0.010	0.013	620.154	447.529	447.469	0.060
1992	45423	32811.363	32807.840	3.523	0.008	0.011	635.738	459.226	459.177	0.049
1993	46291	33467.575	33456.608	10.966	0.024	0.033	638.542	461.655	461.503	0.151
1994	47017	33989.158	33976.544	12.614	0.027	0.037	638.697	461.722	461.551	0.171
1995	47840	34566.261	34544.001	22.260	0.047	0.064	639.587	462.127	461.829	0.298
1996	48244	34997.033	34994.103	2.931	0.006	0.008	636.363	461.629	461.590	0.039
1997	49035	35548.659	35534.501	14.157	0.029	0.040	637.723	462.327	462.142	0.184
1998	49686	36136.828	36092.153	44.675	0.090	0.124	637.076	463.348	462.775	0.573
1999	48883	35504.823	35437.570	67.252	0.138	0.189	618.331	449.107	448.257	0.851
2000	50331	36571.714	36467.306	104.408	0.207	0.285	628.656	456.796	455.492	1.304
2001	50389	36729.960	36591.390	138.570	0.275	0.377	622.333	453.636	451.925	1.711
2002	51445	37622.789	37456.246	166.543	0.324	0.443	629.005	460.004	457.968	2.036
2003	51408	37547.031	37304.734	242.297	0.471	0.645	622.464	454.631	451.698	2.934
2004	51399	37521.278	37174.077	347.201	0.676	0.925	615.898	449.606	445.445	4.160
2005	51421	37477.245	37072.097	405.148	0.788	1.081	609.074	443.913	439.114	4.799
2006	51355	37398.212	36818.934	579.278	1.128	1.549	602.712	438.912	432.114	6.799
2007	51839	37591.205	36882.619	708.586	1.367	1.885	602.056	436.583	428.353	8.229
2008	50976	36974.812	36230.118	744.694	1.461	2.014	585.355	424.580	416.029	8.551
2009	51193	37188.011	36300.903	887.108	1.733	2.385	581.003	422.057	411.989	10.068

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

Age Group:All Year	Number Deaths	Null 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	711819.301	707312.865	4506.436	0.460	0.633	619.890	449.999	447.150	2.849

****

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	12662.637	12663.279	-0.642	-0.001	-0.005	1368.32	179.731	179.740	-0.009
1992	93721	12337.391	12330.705	6.686	0.007	0.054	1311.71	172.674	172.580	0.094
1993	93679	12400.850	12372.321	28.529	0.030	0.230	1292.22	171.058	170.665	0.394
1994	90832	12127.188	12080.875	46.313	0.051	0.382	1233.90	164.740	164.111	0.629
1995	89698	11957.128	11891.489	65.639	0.073	0.549	1199.20	159.858	158.981	0.878
1996	88286	12016.952	11942.990	73.962	0.084	0.615	1164.54	158.510	157.534	0.976
1997	84777	11590.208	11493.728	96.480	0.114	0.832	1102.56	150.736	149.481	1.255
1998	82517	11333.438	11183.494	149.945	0.182	1.323	1058.04	145.318	143.395	1.923
1999	93939	13023.152	12774.320	248.832	0.265	1.911	1188.25	164.732	161.585	3.148
2000	90039	12603.089	12324.227	278.862	0.310	2.213	1124.63	157.418	153.935	3.483
2001	86119	12340.771	11985.336	355.435	0.413	2.880	1063.62	152.416	148.026	4.390
2002	83014	12101.057	11711.772	389.285	0.469	3.217	1014.99	147.957	143.197	4.760
2003	79302	11671.538	11217.617	453.921	0.572	3.889	960.214	141.323	135.826	5.496
2004	73861	11127.122	10562.935	564.188	0.764	5.070	885.053	133.333	126.572	6.760
2005	71649	10869.703	10231.559	638.143	0.891	5.871	848.672	128.750	121.191	7.559
2006	67551	10382.381	9622.614	759.768	1.125	7.318	792.791	121.850	112.933	8.917
2007	63503	9771.908	8909.246	862.662	1.358	8.828	737.521	113.491	103.472	10.019
2008	63171	9909.087	8974.550	934.538	1.479	9.431	725.389	113.786	103.054	10.731
2009	59747	9469.511	8467.216	1002.295	1.678	10.584	678.085	107.472	96.097	11.375

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

Age Group:All Year	Number Deaths	Null 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	232341.871	225387.033	6954.838	0.421	2.993	1043.56	146.882	142.485	4.397

****

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_8_Varying_short-term_definition.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	3115.523	0.417	0.001	0.013	461.369	44.227	44.221	0.006
1992	32560	3095.300	3093.722	1.577	0.005	0.051	455.708	43.322	43.300	0.022
1993	32768	3114.249	3106.036	8.213	0.025	0.264	452.005	42.958	42.845	0.113
1994	33005	3168.004	3154.876	13.128	0.040	0.414	448.353	43.035	42.857	0.178
1995	33730	3199.773	3178.993	20.781	0.062	0.649	450.946	42.779	42.501	0.278
1996	33750	3233.685	3208.255	25.429	0.075	0.786	445.180	42.654	42.319	0.335
1997	33699	3239.600	3213.682	25.918	0.077	0.800	438.271	42.132	41.795	0.337
1998	33274	3170.435	3126.902	43.533	0.131	1.373	426.640	40.651	40.093	0.558
1999	33891	3152.475	3085.495	66.979	0.198	2.125	428.694	39.876	39.029	0.847
2000	33827	3235.445	3148.508	86.936	0.257	2.687	422.514	40.412	39.326	1.086
2001	32506	3108.369	2999.413	108.956	0.335	3.505	401.468	38.390	37.044	1.346
2002	32078	3119.714	2995.192	124.522	0.388	3.991	392.210	38.144	36.621	1.523
2003	30568	3022.028	2879.058	142.969	0.468	4.731	370.127	36.592	34.861	1.731
2004	29388	2979.639	2795.804	183.835	0.626	6.170	352.147	35.704	33.501	2.203
2005	27954	2922.048	2713.441	208.607	0.746	7.139	331.111	34.611	32.140	2.471
2006	27201	2884.779	2639.136	245.643	0.903	8.515	319.236	33.856	30.973	2.883
2007	26302	2805.612	2522.391	283.221	1.077	10.095	305.470	32.584	29.295	3.289
2008	25998	2768.665	2471.777	296.888	1.142	10.723	298.534	31.792	28.383	3.409
2009	25040	2718.424	2391.108	327.316	1.307	12.041	284.186	30.852	27.137	3.715

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

Age Group:	All	Null	MRTP			%Drop		Null	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	61247.426	59032.558	2214.869	0.355	3.616	394.195	38.719	37.319	1.400

****

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	11818.837	11814.630	4.206	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.231	11978.813	2.418	0.009	0.020	375.483	167.689	167.655	0.034
1993	29774	13348.088	13341.779	6.309	0.021	0.047	410.705	184.125	184.038	0.087
1994	29804	13404.814	13401.053	3.761	0.013	0.028	404.869	182.096	182.045	0.051
1995	29755	13407.286	13395.737	11.548	0.039	0.086	397.803	179.246	179.092	0.154
1996	30900	14056.197	14072.685	-16.488	-0.053	-0.117	407.587	185.408	185.626	-0.217
1997	31128	14163.583	14174.524	-10.941	-0.035	-0.077	404.834	184.204	184.346	-0.142
1998	32096	14737.914	14727.113	10.801	0.034	0.073	411.536	188.970	188.832	0.138
1999	34616	15866.994	15850.885	16.109	0.047	0.102	437.865	200.705	200.501	0.204
2000	34299	15765.978	15720.264	45.713	0.133	0.290	428.409	196.924	196.353	0.571
2001	34592	16089.991	16034.816	55.175	0.160	0.343	427.231	198.721	198.039	0.681
2002	34291	16118.580	16071.818	46.762	0.136	0.290	419.268	197.078	196.506	0.572
2003	35074	16453.106	16338.782	114.324	0.326	0.695	424.687	199.219	197.835	1.384
2004	33512	15691.319	15512.604	178.715	0.533	1.139	401.564	188.024	185.883	2.141
2005	35392	16544.030	16300.562	243.468	0.688	1.472	419.213	195.962	193.078	2.884
2006	33981	15919.898	15543.544	376.355	1.108	2.364	398.807	186.839	182.422	4.417
2007	34000	15771.631	15316.905	454.726	1.337	2.883	394.875	183.171	177.890	5.281
2008	37425	17430.569	16893.563	537.006	1.435	3.081	429.749	200.154	193.988	6.166
2009	36826	17204.545	16567.864	636.681	1.729	3.701	417.948	195.259	188.033	7.226

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296589.805	293873.156	2716.649	0.421	0.916	408.132	187.499	185.781	1.717

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.RTF)

System Date and Time: 20160408_091205
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 3

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	3
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	GUESSMRTP9
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_8_Varying_short-term_definition
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 3, Scenario: STP_NULL

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

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

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.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		GUESSMRTP9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.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	492.00	19.20

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

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	60.00	73.17

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

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	92.00	57.86

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

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	86.00	38.57

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

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	50.00	19.38

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	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	45.00	16.19

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

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	22.00	9.69

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

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	41.00	19.52

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

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	37.00	15.16

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

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	14.00	5.58

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

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	14.00	5.49

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.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	7.00	3.30

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

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	12.00	7.89

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

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	2706.00	29.49	172.00	6.36			
5	All Ages	Former	2592.00	28.24			15.38	234.00	9.03

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	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	15.00	46.88

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

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	322.00	33.61	9.00	2.80			
5	25-29	Former	110.00	11.48			5.15	22.00	20.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	379.00	35.29	12.00	3.17			
5	30-34	Former	202.00	18.81			6.29	36.00	17.82

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	363.00	33.52	16.00	4.41			
5	35-39	Former	251.00	23.18			7.72	30.00	11.95

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

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	299.00	30.73	25.00	8.36			
5	40-44	Former	268.00	27.54			11.97	23.00	8.58

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	238.00	27.71	12.00	5.04			
5	45-49	Former	313.00	36.44			13.38	26.00	8.31

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	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	12.00	5.00

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	153.00	29.20	14.00	9.15			
5	55-59	Former	216.00	41.22			16.82	13.00	6.02

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

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			18.40	15.00	6.17

Year of Follow-up: 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_8_Varying_short-term_definition.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	16.00	6.48

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	11.00	4.33

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

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	14.00	6.54

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

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	2692.00	28.71	282.00	10.48			
10	All Ages	Former	2594.00	27.67			16.92	248.00	9.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	244.00	27.23	2.00	0.82			
10	20-24	Former	19.00	2.12			2.00	14.00	73.68

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

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	280.00	30.60	6.00	2.14			
10	25-29	Former	68.00	7.43			4.47	23.00	33.82

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

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	314.00	32.78	17.00	5.41			
10	30-34	Former	141.00	14.72			8.03	19.00	13.48

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	489.00	45.53					
10	35-39	Current	347.00	32.31	21.00	6.05			
10	35-39	Former	238.00	22.16			9.41	30.00	12.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	333.00	30.75	25.00	7.51			
10	40-44	Former	281.00	25.95			11.10	26.00	9.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	278.00	28.57	39.00	14.03			
10	45-49	Former	289.00	29.70			14.75	30.00	10.38

Year of Follow-up: 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			16.55	26.00	7.98

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

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	11.00	4.47

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	136.00	25.95	25.00	18.38			
10	60-64	Former	233.00	44.47			19.15	14.00	6.01

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.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	122.00	23.69	29.00	23.77			
10	65-69	Former	252.00	48.93			21.15	15.00	5.95

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

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	128.00	25.60	37.00	28.91			
10	70-74	Former	252.00	50.40			24.51	22.00	8.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	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	18.00	7.23

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2534.00	28.39	352.00	13.89			
15	All Ages	Former	2517.00	28.20			18.28	217.00	8.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	282.00	31.47	5.00	1.77			
15	25-29	Former	51.00	5.69			3.45	22.00	43.14

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	290.00	31.69	7.00	2.41			
15	30-34	Former	89.00	9.73			7.51	13.00	14.61

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

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	288.00	30.06	25.00	8.68			
15	35-39	Former	173.00	18.06			10.46	26.00	15.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	322.00	29.98	28.00	8.70			
15	40-44	Former	263.00	24.49			12.84	22.00	8.37

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

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	316.00	29.18	38.00	12.03			
15	45-49	Former	298.00	27.52			14.58	24.00	8.05

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

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	254.00	26.10	45.00	17.72			
15	50-54	Former	313.00	32.17			17.33	31.00	9.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	228.00	26.54	46.00	20.18			
15	55-59	Former	323.00	37.60			20.00	17.00	5.26

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

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

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.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	18.00	6.87
Year of Follow-up: 2005, Age Group: 65-69									
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	125.00	23.85	34.00	27.20			
15	65-69	Former	244.00	46.56			21.70	17.00	6.97
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	124.00	24.08	43.00	34.68			
15	70-74	Former	250.00	48.54			23.86	8.00	3.20
Year of Follow-up: 2005, Age Group: 75-79									
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	129.00	25.80	52.00	40.31			
15	75-79	Former	251.00	50.20			25.69	19.00	7.57
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	3708.00	44.00					
20	All Ages	Current	2307.00	27.38	406.00	17.60			
20	All Ages	Former	2412.00	28.62			19.59	201.00	8.33
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	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			6.18	17.00	22.08
Year of Follow-up: 2010, Age Group: 35-39									
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			9.84	19.00	16.38
Year of Follow-up: 2010, Age Group: 40-44									
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	268.00	27.97	27.00	10.07			
20	40-44	Former	193.00	20.15			13.89	15.00	7.77
Year of Follow-up: 2010, Age Group: 45-49									
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	306.00	28.49	40.00	13.07			
20	45-49	Former	279.00	25.98			16.25	12.00	4.30
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	300.00	27.70	50.00	16.67			
20	50-54	Former	314.00	28.99			17.81	24.00	7.64
Year of Follow-up: 2010, Age Group: 55-59									
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			19.91	23.00	7.08

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.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			21.99	27.00	8.08

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	163.00	25.87	41.00	25.15			
20	65-69	Former	275.00	43.65			24.29	26.00	9.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	122.00	23.28	46.00	37.70			
20	70-74	Former	247.00	47.14			23.52	20.00	8.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.88	18.00	7.14

****

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	492.00	19.20

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

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	60.00	73.17

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

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	92.00	57.86

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

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	86.00	38.57

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

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	50.00	19.38

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.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	45.00	16.19

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

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	22.00	9.69

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

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	41.00	19.52

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

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	37.00	15.16

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

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	14.00	5.58

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

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	14.00	5.49

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	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	7.00	3.30

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

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	12.00	7.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2462.00	26.83	151.00	5.62			
5	All Ages	Current MRTP	136.00	1.48					
5	All Ages	Current Dual	87.00	0.95					
5	All Ages	Former	2591.00	28.23			15.52	221.00	8.53

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	2.00	100.00

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

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	619.00	67.65					
5	20-24	Current CC	238.00	26.01	1.00	0.38			
5	20-24	Current MRTP	14.00	1.53					
5	20-24	Current Dual	12.00	1.31					
5	20-24	Former	32.00	3.50			3.00	14.00	43.75
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	535.00	55.85					
5	25-29	Current CC	278.00	29.02	5.00	1.62			
5	25-29	Current MRTP	23.00	2.40					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.87	29.00	25.44
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	494.00	46.00					
5	30-34	Current CC	352.00	32.77	10.00	2.64			
5	30-34	Current MRTP	17.00	1.58					
5	30-34	Current Dual	10.00	0.93					
5	30-34	Former	201.00	18.72			6.40	33.00	16.42
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	16.00	4.53			
5	35-39	Current MRTP	12.00	1.11					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	252.00	23.27			7.77	29.00	11.51
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	12.00	4.41
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	20.00	6.69
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	13.00	5.60
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	20.00	9.09
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	9.00	3.67
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	13.00	5.06
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_8_Varying_short-term_definition.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	23.00	25.84			
5	70-74	Current MRTP	10.00	2.23					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	253.00	56.47			22.51	15.00	5.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	16.00	20.25			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	6.00	1.67					
5	75-79	Former	212.00	59.05			24.00	12.00	5.66

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

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	2262.00	24.13	251.00	9.24			
10	All Ages	Current MRTP	277.00	2.95					
10	All Ages	Current Dual	176.00	1.88					
10	All Ages	Former	2587.00	27.59			17.26	235.00	9.08

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	14.00	66.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	5.00	1.66			
10	25-29	Current MRTP	27.00	2.95					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	60.00	6.56			4.87	22.00	36.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	12.00	3.77			
10	30-34	Current MRTP	44.00	4.59					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	141.00	14.72			7.99	20.00	14.18

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	22.00	6.09			
10	35-39	Current MRTP	32.00	2.98					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	225.00	20.95			9.96	21.00	9.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	286.00	26.41	29.00	9.09			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	286.00	26.41			10.92	32.00	11.19

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	18.00	6.27

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

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

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10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	19.00	6.13
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	23.00	3.65					
10	55-59	Current Dual	5.00	0.79					
10	55-59	Former	248.00	39.37			20.29	13.00	5.24
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	19.00	14.18			
10	60-64	Current MRTP	7.00	1.34					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	235.00	44.85			19.57	18.00	7.66
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	24.00	19.83			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	6.00	1.17					
10	65-69	Former	253.00	49.13			21.77	16.00	6.32
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	24.00	9.20
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	31.00	37.80			
10	75-79	Current MRTP	16.00	3.57					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	260.00	58.04			25.01	18.00	6.92
Year of Follow-up: 2005, Age Group: All Ages									
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	1986.00	22.25	317.00	12.42			
15	All Ages	Current MRTP	369.00	4.13					
15	All Ages	Current Dual	198.00	2.22					
15	All Ages	Former	2506.00	28.07			18.79	207.00	8.26
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.22	17.00	36.96
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

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15	30-34	Current CC	219.00	23.93	11.00	3.65			
15	30-34	Current MRTP	42.00	4.59					
15	30-34	Current Dual	40.00	4.37					
15	30-34	Former	89.00	9.73			6.65	20.00	22.47
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	226.00	23.59	23.00	7.57			
15	35-39	Current MRTP	48.00	5.01					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	164.00	17.12			10.68	23.00	14.02
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	28.00	8.59			
15	40-44	Current MRTP	38.00	3.54					
15	40-44	Current Dual	15.00	1.40					
15	40-44	Former	260.00	24.21			12.64	28.00	10.77
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	258.00	23.82	44.00	14.24			
15	45-49	Current MRTP	40.00	3.69					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	296.00	27.33			14.88	13.00	4.39
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	28.00	11.16			
15	50-54	Current MRTP	28.00	2.88					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	316.00	32.48			18.45	21.00	6.65
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	25.00	7.65
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	150.00	23.81	35.00	19.02			
15	60-64	Current MRTP	29.00	4.60					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	14.00	5.51
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	111.00	21.18	30.00	22.73			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	237.00	45.23			22.63	14.00	5.91
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	88.00	17.09	36.00	29.75			
15	70-74	Current MRTP	22.00	4.27					
15	70-74	Current Dual	11.00	2.14					
15	70-74	Former	253.00	49.13			24.97	12.00	4.74
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	42.00	36.21			
15	75-79	Current MRTP	21.00	4.20					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	264.00	52.80			26.16	20.00	7.58
Year of Follow-up: 2010, Age Group: All Ages									
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	1644.00	19.51	358.00	15.73			

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20	All Ages	Current MRTP	410.00	4.87					
20	All Ages	Current Dual	222.00	2.63					
20	All Ages	Former	2431.00	28.85			19.80	210.00	8.64
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	162.00	18.08	6.00	2.23			
20	30-34	Current MRTP	59.00	6.58					
20	30-34	Current Dual	48.00	5.36					
20	30-34	Former	80.00	8.93			6.08	21.00	26.25
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	14.00	4.91			
20	35-39	Current MRTP	53.00	5.79					
20	35-39	Current Dual	42.00	4.59					
20	35-39	Former	115.00	12.57			8.76	17.00	14.78
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	27.00	9.47			
20	40-44	Current MRTP	52.00	5.43					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	183.00	19.10			13.58	18.00	9.84
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	248.00	23.09	35.00	11.51			
20	45-49	Current MRTP	38.00	3.54					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	282.00	26.26			15.61	23.00	8.16
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	218.00	20.13	51.00	18.15			
20	50-54	Current MRTP	49.00	4.52					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	324.00	29.92			17.46	24.00	7.41
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	37.00	15.88			
20	55-59	Current MRTP	34.00	3.49					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	334.00	34.33			21.25	19.00	5.69
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 3 (APPENDIX_8_Varying_short-term_definition.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	23.00	6.78

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	44.00	26.99			
20	65-69	Current MRTP	39.00	6.19					
20	65-69	Current Dual	7.00	1.11					
20	65-69	Former	275.00	43.65			23.96	29.00	10.55

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	44.00	34.38			
20	70-74	Current MRTP	23.00	4.39					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	241.00	45.99			25.25	14.00	5.81

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	52.00	44.83			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	19.00	3.69					
20	75-79	Former	258.00	50.10			25.94	22.00	8.53

****

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	124132.924	124098.987	33.938	0.011	0.027	4845.61	1920.39	1919.87	0.525
1992	308577	122144.487	121996.901	147.586	0.048	0.121	4692.62	1857.49	1855.24	2.244
1993	311713	123282.336	122929.207	353.130	0.113	0.286	4656.77	1841.75	1836.47	5.276
1994	305700	120501.731	119972.859	528.872	0.173	0.439	4482.57	1766.95	1759.20	7.755
1995	303225	118694.916	117919.450	775.466	0.256	0.653	4361.58	1707.30	1696.15	11.154
1996	299559	116647.751	115659.694	988.057	0.330	0.847	4242.85	1652.16	1638.16	13.995
1997	294226	114718.528	113562.046	1156.482	0.393	1.008	4100.64	1598.83	1582.72	16.118
1998	289258	113113.846	111706.914	1406.932	0.486	1.244	3966.28	1551.01	1531.71	19.292
1999	311002	117189.776	115266.218	1923.557	0.619	1.641	4198.14	1581.92	1555.95	25.966
2000	303786	115116.014	112959.740	2156.274	0.710	1.873	4041.13	1531.34	1502.65	28.684
2001	296294	113213.514	110861.636	2351.878	0.794	2.077	3890.54	1486.57	1455.69	30.882
2002	291898	111932.936	109347.374	2585.561	0.886	2.310	3789.34	1453.08	1419.52	33.565
2003	285865	110749.547	107940.562	2808.985	0.983	2.536	3671.31	1422.33	1386.26	36.075
2004	274177	107620.440	104748.444	2871.996	1.047	2.669	3481.92	1366.73	1330.26	36.473
2005	272379	107884.479	104825.198	3059.281	1.123	2.836	3417.44	1353.59	1315.20	38.384
2006	264118	104575.668	101452.997	3122.670	1.182	2.986	3281.83	1299.42	1260.62	38.801
2007	258419	102907.573	99647.515	3260.059	1.262	3.168	3176.05	1264.77	1224.70	40.067
2008	259461	103694.596	100053.765	3640.831	1.403	3.511	3150.91	1259.27	1215.06	44.215
2009	253907	101591.024	97678.137	3912.887	1.541	3.852	3045.20	1218.42	1171.49	46.929

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

Age Group:All Year	Number Deaths	Null 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	2275542.047	2238457.607	37084.44	0.638	1.630	3927.78	1537.31	1512.26	25.054

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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_8_Varying_short-term_definition.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	63068.795	63059.917	8.878	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.370	62504.337	31.033	0.040	0.050	1185.97	950.993	950.522	0.472
1993	78542	62884.475	62817.174	67.301	0.086	0.107	1173.36	939.448	938.443	1.005
1994	77437	61807.676	61704.377	103.299	0.133	0.167	1135.48	906.304	904.789	1.515
1995	76904	61148.571	60994.190	154.381	0.201	0.252	1106.18	879.558	877.338	2.221
1996	76232	60388.654	60194.535	194.119	0.255	0.321	1079.72	855.324	852.575	2.749
1997	75473	59555.019	59339.948	215.071	0.285	0.361	1051.87	830.020	827.022	2.997
1998	75381	59302.056	59001.797	300.260	0.398	0.506	1033.62	813.144	809.026	4.117
1999	73159	57414.152	57038.452	375.700	0.514	0.654	987.557	775.021	769.949	5.071
2000	73784	57737.754	57273.640	464.114	0.629	0.804	981.515	768.059	761.885	6.174
2001	73294	57238.632	56715.388	523.243	0.714	0.914	962.399	751.581	744.711	6.871
2002	72442	56471.507	55890.753	580.754	0.802	1.028	940.422	733.098	725.559	7.539
2003	71942	55987.292	55372.939	614.353	0.854	1.097	923.937	719.034	711.144	7.890
2004	71301	55382.043	54732.941	649.101	0.910	1.172	905.490	703.327	695.083	8.243
2005	70964	55007.556	54334.001	673.555	0.949	1.224	890.360	690.160	681.709	8.451
2006	69658	53828.356	53153.478	674.877	0.969	1.254	865.543	668.850	660.465	8.386
2007	68565	52832.348	52131.751	700.597	1.022	1.326	842.687	649.327	640.716	8.611
2008	68226	52511.395	51709.745	801.650	1.175	1.527	828.542	637.702	627.967	9.735
2009	67509	51866.956	50993.681	873.274	1.294	1.684	809.661	622.060	611.587	10.474

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

Age Group:All Year	Number Deaths	Null 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	1160413.014	1152407.451	8005.563	0.542	0.690	997.213	783.952	778.544	5.408

****

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	37067.668	37047.553	20.115	0.012	0.054	2599.72	573.453	573.142	0.311
1992	164548	35864.479	35775.091	89.389	0.054	0.249	2502.33	545.402	544.042	1.359
1993	164362	35469.716	35252.965	216.751	0.132	0.611	2455.45	529.892	526.654	3.238
1994	159866	34310.218	33995.278	314.940	0.197	0.918	2344.16	503.101	498.483	4.618
1995	158083	33553.498	33101.898	451.600	0.286	1.346	2273.86	482.632	476.136	6.496
1996	154875	32470.402	31896.613	573.790	0.370	1.767	2193.60	459.900	451.773	8.127
1997	149970	31220.894	30541.544	679.351	0.453	2.176	2090.14	435.126	425.658	9.468
1998	145407	29913.524	29146.649	766.875	0.527	2.564	1993.81	410.171	399.656	10.515
1999	165952	34499.341	33407.646	1091.695	0.658	3.164	2240.15	465.699	450.962	14.737
2000	160260	33356.837	32188.336	1168.500	0.729	3.503	2131.87	443.731	428.187	15.544
2001	154444	32182.797	30925.082	1257.715	0.814	3.908	2027.95	422.582	406.067	16.515
2002	151887	31936.453	30563.483	1372.970	0.904	4.299	1971.76	414.590	396.767	17.824
2003	146733	31143.034	29620.807	1522.227	1.037	4.888	1884.46	399.964	380.414	19.550
2004	138381	29620.655	28064.450	1556.205	1.125	5.254	1757.38	376.169	356.406	19.763
2005	135881	29195.779	27535.136	1660.643	1.222	5.688	1704.85	366.309	345.474	20.836
2006	131922	28511.737	26761.327	1750.410	1.327	6.139	1639.21	354.276	332.526	21.750
2007	126502	27451.092	25625.240	1825.852	1.443	6.651	1554.75	337.383	314.943	22.440
2008	125859	27147.302	25173.249	1974.053	1.568	7.272	1528.44	329.679	305.706	23.973
2009	122428	26480.626	24361.892	2118.735	1.731	8.001	1468.33	317.592	292.182	25.411

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

Age Group:All Year	Number Deaths	Null 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	639778.953	619367.135	20411.82	0.681	3.190	2024.64	432.222	418.432	13.790

****

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_8_Varying_short-term_definition.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	4488.022	4486.675	1.347	0.004	0.030	504.630	69.432	69.411	0.021
1992	32100	4371.293	4358.717	12.576	0.039	0.288	488.154	66.476	66.284	0.191
1993	32896	4415.528	4379.301	36.227	0.110	0.820	491.442	65.965	65.424	0.541
1994	33323	4476.874	4420.766	56.107	0.168	1.253	488.625	65.646	64.823	0.823
1995	33569	4479.141	4394.765	84.375	0.251	1.884	482.855	64.428	63.214	1.214
1996	33870	4493.283	4379.881	113.402	0.335	2.524	479.723	63.641	62.035	1.606
1997	33516	4450.553	4306.231	144.321	0.431	3.243	467.113	62.027	60.016	2.011
1998	32795	4322.349	4172.482	149.866	0.457	3.467	449.682	59.268	57.213	2.055
1999	33375	4245.794	4067.211	178.583	0.535	4.206	450.521	57.313	54.902	2.411
2000	33459	4322.493	4134.330	188.163	0.562	4.353	445.090	57.500	54.997	2.503
2001	32275	4153.205	3965.536	187.669	0.581	4.519	423.792	54.534	52.070	2.464
2002	31586	4097.912	3902.917	194.995	0.617	4.758	410.041	53.198	50.667	2.531
2003	30985	4113.107	3881.782	231.325	0.747	5.624	397.934	52.824	49.853	2.971
2004	29884	4051.737	3815.590	236.147	0.790	5.828	379.513	51.455	48.456	2.999
2005	28708	3961.466	3717.609	243.857	0.849	6.156	360.189	49.703	46.644	3.060
2006	28188	3987.659	3721.185	266.474	0.945	6.682	350.253	49.549	46.238	3.311
2007	28026	3974.992	3684.250	290.742	1.037	7.314	344.449	48.854	45.281	3.573
2008	27128	3829.629	3538.046	291.583	1.075	7.614	329.444	46.507	42.966	3.541
2009	27068	3845.844	3514.677	331.167	1.223	8.611	324.637	46.125	42.153	3.972

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84668.474	81429.547	3238.927	0.516	3.825	424.421	57.200	55.012	2.188

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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	19508.439	19504.842	3.598	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.345	19358.757	14.588	0.043	0.075	516.166	294.616	294.394	0.222
1993	35913	20512.618	20479.766	32.851	0.091	0.160	536.514	306.444	305.953	0.491
1994	35074	19906.964	19852.439	54.526	0.155	0.274	514.300	291.902	291.102	0.800
1995	34669	19513.706	19428.597	85.109	0.245	0.436	498.677	280.684	279.460	1.224
1996	34582	19295.412	19188.666	106.746	0.309	0.553	489.808	273.294	271.782	1.512
1997	35267	19492.062	19374.323	117.738	0.334	0.604	491.517	271.661	270.020	1.641
1998	35675	19575.917	19385.986	189.931	0.532	0.970	489.172	268.423	265.819	2.604
1999	38516	21030.488	20752.909	277.579	0.721	1.320	519.919	283.886	280.139	3.747
2000	36283	19698.931	19363.434	335.496	0.925	1.703	482.656	262.046	257.583	4.463
2001	36281	19638.880	19255.630	383.250	1.056	1.951	476.394	257.872	252.839	5.032
2002	35983	19427.064	18990.222	436.842	1.214	2.249	467.122	252.197	246.526	5.671
2003	36205	19506.114	19065.034	441.080	1.218	2.261	464.974	250.513	244.848	5.665
2004	34611	18566.005	18135.463	430.542	1.244	2.319	439.544	235.780	230.312	5.468
2005	36826	19719.679	19238.452	481.226	1.307	2.440	462.043	247.416	241.378	6.038
2006	34350	18247.915	17817.007	430.908	1.254	2.361	426.820	226.742	221.387	5.354
2007	35326	18649.142	18206.274	442.868	1.254	2.375	434.168	229.204	223.761	5.443
2008	38248	20206.270	19632.726	573.544	1.500	2.838	464.487	245.386	238.421	6.965
2009	36902	19397.598	18807.887	589.711	1.598	3.040	442.580	232.643	225.570	7.073

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

Age Group:All		Null	MRTP			%Drop		Null	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	390681.607	385253.474	5428.133	0.762	1.389	481.512	263.937	260.270	3.667

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.RTF)

System Date and Time: 20160408_091205
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 4

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	3
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	GUESSMRTP9
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_8_Varying_short-term_definition
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_8_Varying_short-term_definition.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	GUESSMRTP9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never	Never	Never	Curr CC	Curr CC	Curr CC	Former	Former	Former
		Curr CC	Curr Mrtp	Curr Dual	Curr Mrtp	Curr Dual	Former	Curr CC	Curr Mrtp	Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	0.000048	0.000048
15-19	1-24	0.002940	0.000280	0.000280	0.000200	0.000040	0.001500	0.000432	0.000144	0.000144
20-24	1-24	0.001520	0.000240	0.000240	0.000300	0.000060	0.002000	0.000576	0.000192	0.000192
25-29	1-24	0.000680	0.000160	0.000160	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
30-34	1-24	0.000300	0.000100	0.000100	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
35-39	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
40-44	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
45-49	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
50-54	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000576	0.000192	0.000192
55-59	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
60-64	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000720	0.000240	0.000240
65-69	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000864	0.000288	0.000288
70-74	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.001008	0.000336	0.000336
75-79	1-24	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.001152	0.000384	0.000384
10-14	25+	0.001680	0.000160	0.000160	0.000150	0.000030	0.000500	0.000096	0.000096	0.000048
15-19	25+	0.002380	0.000560	0.000560	0.000200	0.000040	0.001500	0.000288	0.000288	0.000144
20-24	25+	0.001040	0.000480	0.000480	0.000300	0.000060	0.002000	0.000384	0.000384	0.000192
25-29	25+	0.000360	0.000320	0.000320	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
30-34	25+	0.000100	0.000200	0.000200	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
35-39	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
40-44	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
45-49	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
50-54	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002000	0.000384	0.000384	0.000192
55-59	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
60-64	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.002500	0.000480	0.000480	0.000240
65-69	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003000	0.000576	0.000576	0.000288
70-74	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.003500	0.000672	0.000672	0.000336
75-79	25+	0.000000	0.000000	0.000000	0.000450	0.000090	0.004000	0.000768	0.000768	0.000384

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

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.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	464.00	24.09

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

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	90.00	77.59

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

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	66.00	40.49

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

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	94.00	44.76

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

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	49.00	21.12

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

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	48.00	26.23

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

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	28.00	18.18

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

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	24.00	17.39

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

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	13.00	10.16

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

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	17.00	10.43

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

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	10.00	5.62

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.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	10.00	6.10

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

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	2236.00	24.63	127.00	5.68			
5	All Ages	Former	1983.00	21.84			14.75	169.00	8.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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	260.00	30.81	2.00	0.77			
5	20-24	Former	34.00	4.03			3.24	11.00	32.35

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	253.00	30.45	13.00	5.14			
5	25-29	Former	129.00	15.52			5.63	14.00	10.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	17.00	9.44

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

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			8.26	28.00	11.97

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

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			11.47	22.00	9.09

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

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	195.00	24.04	9.00	4.62			
5	45-49	Former	194.00	23.92			11.58	12.00	6.19

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	155.00	24.96	10.00	6.45			
5	50-54	Former	165.00	26.57			15.52	10.00	6.06

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	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	14.00	9.15

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

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	9.00	6.57

Year of Follow-up: 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_8_Varying_short-term_definition.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	12.00	7.14

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	11.00	6.01

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

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	8.00	4.91

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

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	2221.00	24.38	209.00	9.41			
10	All Ages	Former	2026.00	22.24			15.90	206.00	10.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	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	16.00	69.57

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

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	280.00	33.18	7.00	2.50			
10	25-29	Former	66.00	7.82			4.92	21.00	31.82

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

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			8.70	23.00	15.75

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	272.00	27.23	15.00	5.51			
10	35-39	Former	212.00	21.22			10.88	24.00	11.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	298.00	26.56	26.00	8.72			
10	40-44	Former	265.00	23.62			11.51	26.00	9.81

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

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	209.00	21.55	29.00	13.88			
10	45-49	Former	264.00	27.22			14.53	21.00	7.95

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	184.00	22.69	21.00	11.41			
10	50-54	Former	205.00	25.28			14.79	15.00	7.32

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

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	146.00	23.51	16.00	10.96			
10	55-59	Former	174.00	28.02			18.94	15.00	8.62

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	5.00	3.21

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.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	12.00	8.22

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

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			22.53	14.00	7.57

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

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			25.76	14.00	7.61

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

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	2085.00	24.33	286.00	13.72			
15	All Ages	Former	1994.00	23.27			17.30	174.00	8.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	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	14.00	34.15

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	278.00	32.94	13.00	4.68			
15	30-34	Former	93.00	11.02			7.29	18.00	19.35

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	243.00	29.24	30.00	12.35			
15	35-39	Former	175.00	21.06			11.12	21.00	12.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	261.00	26.13	33.00	12.64			
15	40-44	Former	223.00	22.32			14.13	18.00	8.07

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	279.00	24.87	41.00	14.70			
15	45-49	Former	284.00	25.31			14.89	19.00	6.69

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	200.00	20.62	38.00	19.00			
15	50-54	Former	273.00	28.14			17.97	14.00	5.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	169.00	20.84	29.00	17.16			
15	55-59	Former	220.00	27.13			17.53	17.00	7.73

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

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

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.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			21.27	13.00	6.95

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	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	92.00	18.85	30.00	32.61			
15	70-74	Former	146.00	29.92			24.23	12.00	8.22

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

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			23.90	20.00	10.47

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

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	1882.00	23.43	310.00	16.47			
20	All Ages	Former	1954.00	24.32			18.94	151.00	7.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	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	16.00	24.24

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

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			10.45	13.00	11.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	223.00	26.84	29.00	13.00			
20	40-44	Former	195.00	23.47			14.15	15.00	7.69

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

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	242.00	24.22	40.00	16.53			
20	45-49	Former	242.00	24.22			16.96	19.00	7.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	263.00	23.44	52.00	19.77			
20	50-54	Former	300.00	26.74			17.87	18.00	6.00

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	181.00	18.66	41.00	22.65			
20	55-59	Former	292.00	30.10			20.74	20.00	6.85

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.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	161.00	19.85	40.00	24.84			
20	60-64	Former	228.00	28.11			20.07	16.00	7.02

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.66	12.00	6.12

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	116.00	21.68	31.00	26.72			
20	70-74	Former	167.00	31.21			23.80	9.00	5.39

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

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	80.00	16.39	29.00	36.25			
20	75-79	Former	158.00	32.38			25.14	13.00	8.23

****

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	464.00	24.09

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

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	90.00	77.59

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

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	66.00	40.49

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

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	94.00	44.76

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

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	49.00	21.12

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.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	48.00	26.23

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

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	28.00	18.18

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

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	24.00	17.39

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

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	13.00	10.16

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

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	17.00	10.43

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

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	10.00	5.62

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

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	10.00	6.10

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

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	2024.00	22.29	122.00	5.52			
5	All Ages	Current MRTP	116.00	1.28					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1985.00	21.86			14.78	161.00	8.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

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

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.RTF)

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	558.00	66.11					
5	20-24	Current CC	223.00	26.42	4.00	1.54			
5	20-24	Current MRTP	21.00	2.49					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	27.00	3.20			2.85	12.00	44.44
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	206.00	24.79	11.00	4.74			
5	25-29	Current MRTP	17.00	2.05					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	136.00	16.37			5.40	18.00	13.24
Year of Follow-up: 1995, Age Group: 30-34									
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	279.00	27.93	15.00	5.03			
5	30-34	Current MRTP	10.00	1.00					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	179.00	17.92			7.88	13.00	7.26
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	303.00	27.01	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	6.00	0.53					
5	35-39	Former	238.00	21.21			8.50	22.00	9.24
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	19.00	7.54
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	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	19.00	9.31
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	16.00	9.52
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	121.00	22.62	7.00	5.43			
5	55-59	Current MRTP	6.00	1.12					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	15.00	9.74
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	100.00	20.49	8.00	7.41			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	130.00	26.64			21.45	4.00	3.08
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	8.00	5.00
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 4 (APPENDIX_8_Varying_short-term_definition.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	9.00	5.08

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	5.00	3.14

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

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	1854.00	20.35	194.00	8.79			
10	All Ages	Current MRTP	233.00	2.56					
10	All Ages	Current Dual	121.00	1.33					
10	All Ages	Former	2003.00	21.99			16.25	166.00	8.29

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	8.00	42.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	6.00	2.22			
10	25-29	Current MRTP	35.00	4.15					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	51.00	6.04			4.86	15.00	29.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	188.00	22.62	16.00	6.90			
10	30-34	Current MRTP	27.00	3.25					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	158.00	19.01			8.88	16.00	10.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	253.00	25.33	28.00	9.46			
10	35-39	Current MRTP	26.00	2.60					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	193.00	19.32			11.25	17.00	8.81

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	19.00	6.60			
10	40-44	Current MRTP	20.00	1.78					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	273.00	24.33			11.39	28.00	10.26

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	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	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_8_Varying_short-term_definition.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	13.00	6.10
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	11.00	6.21
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	106.00	19.81	12.00	10.00			
10	60-64	Current MRTP	11.00	2.06					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	8.00	4.91
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.56	10.00	7.14
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	15.00	8.62
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1561.00	18.21	245.00	12.15			
15	All Ages	Current MRTP	294.00	3.43					
15	All Ages	Current Dual	161.00	1.88					
15	All Ages	Former	2031.00	23.70			17.34	197.00	9.70
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	2.00	0.87			
15	25-29	Current MRTP	46.00	5.66					
15	25-29	Current Dual	39.00	4.80					
15	25-29	Former	38.00	4.67			4.05	15.00	39.47
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 4 (APPENDIX_8_Varying_short-term_definition.RTF)

15	30-34	Current CC	188.00	22.27	10.00	3.65			
15	30-34	Current MRTP	55.00	6.52					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	80.00	9.48			6.56	21.00	26.25
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	161.00	19.37	24.00	11.43			
15	35-39	Current MRTP	32.00	3.85					
15	35-39	Current Dual	17.00	2.05					
15	35-39	Former	187.00	22.50			11.56	19.00	10.16
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	221.00	22.12	36.00	13.04			
15	40-44	Current MRTP	31.00	3.10					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	213.00	21.32			14.23	18.00	8.45
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	561.00	50.00					
15	45-49	Current CC	227.00	20.23	26.00	9.63			
15	45-49	Current MRTP	32.00	2.85					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	291.00	25.94			14.88	17.00	5.84
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	22.00	7.67
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	135.00	16.65	27.00	16.77			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	228.00	28.11			17.72	22.00	9.65
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	12.00	6.06
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	95.00	17.76	25.00	22.32			
15	65-69	Current MRTP	12.00	2.24					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	14.00	8.19
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.37	19.00	12.34
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	29.00	31.52			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	184.00	34.33			24.76	18.00	9.78
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1310.00	16.31	266.00	14.95			

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.RTF)

20	All Ages	Current MRTP	306.00	3.81					
20	All Ages	Current Dual	163.00	2.03					
20	All Ages	Former	2029.00	25.26			18.83	171.00	8.43
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	139.00	17.10	4.00	1.75			
20	30-34	Current MRTP	50.00	6.15					
20	30-34	Current Dual	39.00	4.80					
20	30-34	Former	64.00	7.87			5.84	20.00	31.25
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	160.00	18.96	12.00	4.72			
20	35-39	Current MRTP	61.00	7.23					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	112.00	13.27			8.38	24.00	21.43
Year of Follow-up: 2010, Age Group: 40-44									
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	140.00	16.85	29.00	15.18			
20	40-44	Current MRTP	35.00	4.21					
20	40-44	Current Dual	16.00	1.93					
20	40-44	Former	206.00	24.79			14.88	14.00	6.80
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	510.00	51.05					
20	45-49	Current CC	199.00	19.92	40.00	15.69			
20	45-49	Current MRTP	31.00	3.10					
20	45-49	Current Dual	25.00	2.50					
20	45-49	Former	234.00	23.42			16.92	13.00	5.56
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	34.00	13.71			
20	50-54	Current MRTP	34.00	3.03					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	313.00	27.90			17.73	21.00	6.71
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	132.00	13.61	34.00	20.48			
20	55-59	Current MRTP	26.00	2.68					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	21.00	6.84
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	114.00	14.06	37.00	24.67			
20	60-64	Current MRTP	25.00	3.08					

Results for PHIM for Run 4 (APPENDIX_8_Varying_short-term_definition.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.47	17.00	7.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	11.00	5.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	80.00	14.95	28.00	28.00			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	15.00	8.20

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	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.31	15.00	9.20

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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	59128.628	59121.732	6.896	0.003	0.012	2826.86	839.259	839.161	0.098
1992	198532	60228.475	60218.851	9.624	0.005	0.016	2778.64	842.955	842.820	0.135
1993	202512	62337.906	62287.951	49.955	0.025	0.080	2793.47	859.895	859.206	0.689
1994	200658	62698.748	62628.020	70.729	0.035	0.113	2725.82	851.724	850.763	0.961
1995	201023	63141.566	63028.956	112.610	0.056	0.178	2687.54	844.158	842.653	1.506
1996	201180	64324.684	64240.856	83.828	0.042	0.130	2653.67	848.475	847.369	1.106
1997	198639	64567.164	64442.259	124.905	0.063	0.193	2583.39	839.726	838.101	1.624
1998	197573	65413.578	65154.387	259.192	0.131	0.396	2533.29	838.735	835.412	3.323
1999	211329	67596.348	67178.219	418.129	0.198	0.619	2673.14	855.040	849.751	5.289
2000	208496	68228.835	67697.766	531.069	0.255	0.778	2604.20	852.207	845.574	6.633
2001	203606	68328.237	67651.306	676.931	0.332	0.991	2514.65	843.893	835.533	8.360
2002	200828	69022.735	68281.552	741.183	0.369	1.074	2455.47	843.924	834.862	9.062
2003	196352	68763.713	67791.000	972.714	0.495	1.415	2377.49	832.613	820.835	11.778
2004	188160	67394.236	66099.112	1295.124	0.688	1.922	2254.66	807.564	792.045	15.519
2005	186416	67896.392	66385.395	1510.997	0.811	2.225	2208.07	804.223	786.325	17.898
2006	180088	66666.654	64700.493	1966.161	1.092	2.949	2113.55	782.412	759.337	23.075
2007	175644	66030.488	63720.221	2310.267	1.315	3.499	2039.92	766.875	740.044	26.831
2008	177570	67201.452	64666.555	2534.897	1.428	3.772	2039.03	771.671	742.563	29.108
2009	172806	66715.243	63810.853	2904.389	1.681	4.353	1961.22	757.170	724.207	32.963

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302985.671	1286406.074	16579.60	0.425	1.272	2465.77	823.723	813.242	10.481

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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_8_Varying_short-term_definition.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	31530.085	31526.253	3.832	0.009	0.012	620.154	447.531	447.477	0.054
1992	45423	32811.732	32809.482	2.250	0.005	0.007	635.738	459.231	459.200	0.031
1993	46291	33468.522	33458.988	9.534	0.021	0.028	638.542	461.668	461.536	0.132
1994	47017	33990.510	33979.825	10.686	0.023	0.031	638.697	461.740	461.595	0.145
1995	47840	34568.027	34548.390	19.637	0.041	0.057	639.587	462.150	461.888	0.263
1996	48244	35000.983	34999.293	1.691	0.004	0.005	636.363	461.681	461.658	0.022
1997	49035	35553.923	35541.027	12.896	0.026	0.036	637.723	462.395	462.227	0.168
1998	49686	36144.822	36098.352	46.470	0.094	0.129	637.076	463.450	462.854	0.596
1999	48883	35515.755	35444.443	71.312	0.146	0.201	618.331	449.246	448.344	0.902
2000	50331	36584.326	36476.592	107.734	0.214	0.294	628.656	456.954	455.608	1.346
2001	50389	36743.678	36601.727	141.951	0.282	0.386	622.333	453.806	452.052	1.753
2002	51445	37637.298	37468.156	169.142	0.329	0.449	629.005	460.182	458.114	2.068
2003	51408	37564.617	37318.266	246.351	0.479	0.656	622.464	454.844	451.861	2.983
2004	51399	37540.722	37189.408	351.314	0.684	0.936	615.898	449.839	445.629	4.210
2005	51421	37499.213	37092.749	406.465	0.790	1.084	609.074	444.173	439.358	4.815
2006	51355	37421.263	36843.575	577.687	1.125	1.544	602.712	439.183	432.403	6.780
2007	51839	37618.028	36912.518	705.510	1.361	1.875	602.056	436.894	428.700	8.194
2008	50976	37009.971	36261.629	748.342	1.468	2.022	585.355	424.984	416.390	8.593
2009	51193	37230.472	36328.230	902.242	1.762	2.423	581.003	422.539	412.299	10.240

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

Age Group:All Year	Number Deaths	Null 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	712079.319	707544.273	4535.046	0.462	0.637	619.890	450.163	447.296	2.867

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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	12663.517	12664.663	-1.145	-0.001	-0.009	1368.32	179.743	179.759	-0.016
1992	93721	12339.456	12334.586	4.869	0.005	0.039	1311.71	172.702	172.634	0.068
1993	93679	12405.440	12377.739	27.701	0.030	0.223	1292.22	171.122	170.740	0.382
1994	90832	12133.106	12087.754	45.352	0.050	0.374	1233.90	164.821	164.205	0.616
1995	89698	11963.611	11900.383	63.228	0.070	0.529	1199.20	159.945	159.100	0.845
1996	88286	12028.455	11954.243	74.213	0.084	0.617	1164.54	158.661	157.683	0.979
1997	84777	11602.592	11505.792	96.800	0.114	0.834	1102.56	150.897	149.638	1.259
1998	82517	11350.029	11195.106	154.923	0.188	1.365	1058.04	145.530	143.544	1.986
1999	93939	13046.390	12789.458	256.932	0.274	1.969	1188.25	165.026	161.776	3.250
2000	90039	12626.692	12342.096	284.596	0.316	2.254	1124.63	157.713	154.158	3.555
2001	86119	12369.892	12004.378	365.514	0.424	2.955	1063.62	152.775	148.261	4.514
2002	83014	12129.361	11733.015	396.347	0.477	3.268	1014.99	148.303	143.457	4.846
2003	79302	11704.613	11239.619	464.995	0.586	3.973	960.214	141.723	136.093	5.630
2004	73861	11162.134	10585.009	577.125	0.781	5.170	885.053	133.752	126.837	6.916
2005	71649	10907.441	10256.988	650.453	0.908	5.963	848.672	129.197	121.493	7.705
2006	67551	10418.479	9649.897	768.582	1.138	7.377	792.791	122.273	113.253	9.020
2007	63503	9807.479	8938.821	868.658	1.368	8.857	737.521	113.904	103.815	10.089
2008	63171	9954.573	9006.133	948.441	1.501	9.528	725.389	114.308	103.417	10.891
2009	59747	9516.351	8496.727	1019.623	1.707	10.714	678.085	108.004	96.432	11.572

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232776.372	225709.166	7067.206	0.428	3.036	1043.56	147.157	142.689	4.468

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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_8_Varying_short-term_definition.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	3116.156	3116.000	0.156	0.000	0.005	461.369	44.230	44.228	0.002
1992	32560	3095.939	3095.173	0.766	0.002	0.025	455.708	43.331	43.320	0.011
1993	32768	3115.573	3108.120	7.453	0.023	0.239	452.005	42.976	42.874	0.103
1994	33005	3169.899	3157.390	12.509	0.038	0.395	448.353	43.061	42.891	0.170
1995	33730	3202.043	3182.173	19.870	0.059	0.621	450.946	42.809	42.543	0.266
1996	33750	3237.449	3212.173	25.276	0.075	0.781	445.180	42.704	42.370	0.333
1997	33699	3244.344	3217.416	26.927	0.080	0.830	438.271	42.194	41.844	0.350
1998	33274	3176.703	3130.635	46.068	0.138	1.450	426.640	40.732	40.141	0.591
1999	33891	3160.144	3089.486	70.658	0.208	2.236	428.694	39.973	39.080	0.894
2000	33827	3243.599	3153.649	89.950	0.266	2.773	422.514	40.514	39.390	1.124
2001	32506	3116.630	3004.696	111.934	0.344	3.592	401.468	38.492	37.110	1.382
2002	32078	3128.450	3001.296	127.154	0.396	4.064	392.210	38.251	36.696	1.555
2003	30568	3031.957	2885.735	146.222	0.478	4.823	370.127	36.712	34.941	1.771
2004	29388	2990.361	2802.331	188.030	0.640	6.288	352.147	35.833	33.579	2.253
2005	27954	2933.945	2720.339	213.605	0.764	7.280	331.111	34.752	32.222	2.530
2006	27201	2896.263	2646.912	249.351	0.917	8.609	319.236	33.991	31.065	2.926
2007	26302	2817.762	2531.308	286.454	1.089	10.166	305.470	32.725	29.399	3.327
2008	25998	2783.199	2481.179	302.020	1.162	10.852	298.534	31.959	28.491	3.468
2009	25040	2733.444	2400.294	333.150	1.330	12.188	284.186	31.023	27.242	3.781

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

Age Group:All		Null	MRTP			%Drop		Null	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	61387.105	59129.550	2257.555	0.362	3.678	394.195	38.808	37.381	1.427

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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	11818.869	11814.816	4.053	0.015	0.034	377.015	167.754	167.697	0.058
1992	26828	11981.348	11979.610	1.738	0.006	0.015	375.483	167.690	167.666	0.024
1993	29774	13348.371	13343.104	5.267	0.018	0.039	410.705	184.129	184.056	0.073
1994	29804	13405.233	13403.050	2.183	0.007	0.016	404.869	182.102	182.072	0.030
1995	29755	13407.885	13398.010	9.875	0.033	0.074	397.803	179.254	179.122	0.132
1996	30900	14057.796	14075.147	-17.351	-0.056	-0.123	407.587	185.429	185.658	-0.229
1997	31128	14166.306	14178.024	-11.718	-0.038	-0.083	404.834	184.239	184.392	-0.152
1998	32096	14742.025	14730.294	11.731	0.037	0.080	411.536	189.023	188.872	0.150
1999	34616	15874.059	15854.833	19.226	0.056	0.121	437.865	200.794	200.551	0.243
2000	34299	15774.217	15725.429	48.789	0.142	0.309	428.409	197.027	196.417	0.609
2001	34592	16098.037	16040.505	57.532	0.166	0.357	427.231	198.820	198.109	0.711
2002	34291	16127.625	16079.086	48.540	0.142	0.301	419.268	197.188	196.595	0.593
2003	35074	16462.526	16347.379	115.146	0.328	0.699	424.687	199.334	197.939	1.394
2004	33512	15701.019	15522.364	178.654	0.533	1.138	401.564	188.140	186.000	2.141
2005	35392	16555.793	16315.319	240.473	0.679	1.453	419.213	196.101	193.253	2.848
2006	33981	15930.649	15560.108	370.540	1.090	2.326	398.807	186.965	182.616	4.349
2007	34000	15787.219	15337.574	449.644	1.322	2.848	394.875	183.352	178.130	5.222
2008	37425	17453.708	16917.615	536.094	1.432	3.072	429.749	200.420	194.264	6.156
2009	36826	17234.976	16585.602	649.374	1.763	3.768	417.948	195.604	188.235	7.370

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296742.876	294023.086	2719.791	0.421	0.917	408.132	187.595	185.876	1.719