Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
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	1.00001
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 1, Scenario: STP_NULL

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

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

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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STP values for Run: 1, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		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_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 1, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

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

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

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

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

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

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

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

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

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

****

Main Output for the Smoking History Summarized over Simulations for Run: 1, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2461.00	26.82	146.00	5.45			
5	All Ages	Current MRTP	132.00	1.44					
5	All Ages	Current Dual	87.00	0.95					
5	All Ages	Former	2596.00	28.29			15.51	148.00	5.70

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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_5_Varying_STP_Factor_1_4.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	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	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			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	234.00	27.24	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	8.00	0.93					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2260.00	24.11	244.00	9.01			
10	All Ages	Current MRTP	271.00	2.89					
10	All Ages	Current Dual	177.00	1.89					
10	All Ages	Former	2594.00	27.67			17.23	163.00	6.28

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	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	17.00	28.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	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			8.04	13.00	9.22

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	20.00	5.57			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	27.00	8.52			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

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

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

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

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

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	207.00	24.10	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1979.00	22.17	306.00	12.04			
15	All Ages	Current MRTP	362.00	4.06					
15	All Ages	Current Dual	201.00	2.25					
15	All Ages	Former	2517.00	28.20			18.75	138.00	5.48
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.22	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	218.00	23.83	11.00	3.65			
15	30-34	Current MRTP	42.00	4.59					
15	30-34	Current Dual	41.00	4.48					
15	30-34	Former	89.00	9.73			6.65	16.00	17.98
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	490.00	51.15					
15	35-39	Current CC	226.00	23.59	22.00	7.26			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	165.00	17.22			10.68	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	15.00	1.40					
15	40-44	Former	262.00	24.39			12.64	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	257.00	23.73	40.00	13.11			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	12.00	1.11					
15	45-49	Former	300.00	27.70			14.81	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	181.00	21.07	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	109.00	20.80	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1639.00	19.45	352.00	15.51			

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	408.00	4.84					
20	All Ages	Current Dual	223.00	2.65					
20	All Ages	Former	2437.00	28.92			19.80	143.00	5.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	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	15.00	18.75
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	189.00	20.66	13.00	4.58			
20	35-39	Current MRTP	54.00	5.90					
20	35-39	Current Dual	41.00	4.48					
20	35-39	Former	116.00	12.68			8.71	16.00	13.79
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	26.00	9.15			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	184.00	19.21			13.59	10.00	5.43
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	37.00	3.45					
20	45-49	Current Dual	17.00	1.58					
20	45-49	Former	284.00	26.44			15.63	15.00	5.28
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	50.00	17.86			
20	50-54	Current MRTP	49.00	4.52					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	325.00	30.01			17.56	14.00	4.31
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	160.00	18.63	49.00	23.00			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 1 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	18.00	2.10					
20	60-64	Former	338.00	39.35			22.57	16.00	4.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	116.00	18.41	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	93.00	17.75	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	12.00	2.29					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.88	14.00	5.41

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.413	342.803	0.110	0.278	4656.77	1841.55	1836.43	5.121
1994	305700	120480.723	119965.931	514.792	0.168	0.427	4482.57	1766.64	1759.10	7.549
1995	303225	118666.569	117908.412	758.157	0.250	0.639	4361.58	1706.89	1695.99	10.905
1996	299559	116607.195	115646.203	960.992	0.321	0.824	4242.85	1651.58	1637.97	13.611
1997	294226	114665.051	113555.145	1109.906	0.377	0.968	4100.64	1598.09	1582.62	15.469
1998	289258	113038.380	111696.372	1342.008	0.464	1.187	3966.28	1549.97	1531.57	18.401
1999	311002	117067.463	115253.008	1814.455	0.583	1.550	4198.14	1580.27	1555.77	24.493
2000	303786	114977.407	112941.259	2036.148	0.670	1.771	4041.13	1529.49	1502.41	27.086
2001	296294	113047.319	110835.161	2212.158	0.747	1.957	3890.54	1484.39	1455.34	29.047
2002	291898	111744.742	109316.399	2428.343	0.832	2.173	3789.34	1450.64	1419.12	31.524
2003	285865	110551.854	107898.756	2653.098	0.928	2.400	3671.31	1419.80	1385.72	34.073
2004	274177	107418.262	104706.513	2711.749	0.989	2.524	3481.92	1364.16	1329.73	34.438
2005	272379	107678.770	104770.769	2908.001	1.068	2.701	3417.44	1351.01	1314.52	36.486
2006	264118	104357.806	101393.775	2964.031	1.122	2.840	3281.83	1296.71	1259.88	36.830
2007	258419	102690.449	99581.401	3109.048	1.203	3.028	3176.05	1262.10	1223.89	38.211
2008	259461	103492.166	99977.483	3514.683	1.355	3.396	3150.91	1256.82	1214.13	42.683
2009	253907	101384.044	97601.816	3782.227	1.490	3.731	3045.20	1215.94	1170.58	45.362

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237899.626	35344.05	0.608	1.555	3927.78	1535.76	1511.88	23.878

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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_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.706	66.405	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.093	102.711	0.133	0.166	1135.48	906.276	904.770	1.506
1995	76904	61145.799	60992.014	153.786	0.200	0.252	1106.18	879.519	877.307	2.212
1996	76232	60385.323	60191.544	193.778	0.254	0.321	1079.72	855.277	852.532	2.745
1997	75473	59549.806	59338.668	211.137	0.280	0.355	1051.87	829.947	827.004	2.943
1998	75381	59292.315	58999.676	292.639	0.388	0.494	1033.62	813.010	808.997	4.013
1999	73159	57398.351	57035.723	362.628	0.496	0.632	987.557	774.807	769.912	4.895
2000	73784	57716.549	57269.867	446.682	0.605	0.774	981.515	767.777	761.835	5.942
2001	73294	57211.877	56709.962	501.915	0.685	0.877	962.399	751.230	744.640	6.590
2002	72442	56438.810	55884.191	554.619	0.766	0.983	940.422	732.673	725.473	7.200
2003	71942	55948.341	55363.648	584.694	0.813	1.045	923.937	718.533	711.024	7.509
2004	71301	55339.218	54723.789	615.429	0.863	1.112	905.490	702.783	694.967	7.816
2005	70964	54964.459	54321.508	642.951	0.906	1.170	890.360	689.620	681.553	8.067
2006	69658	53781.526	53139.032	642.495	0.922	1.195	865.543	668.268	660.285	7.983
2007	68565	52784.985	52115.355	669.629	0.977	1.269	842.687	648.745	640.515	8.230
2008	68226	52470.692	51691.384	779.308	1.142	1.485	828.542	637.208	627.744	9.464
2009	67509	51823.021	50974.587	848.434	1.257	1.637	809.661	621.533	611.358	10.176

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152279.199	7709.330	0.522	0.665	997.213	783.665	778.457	5.208

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.109	208.691	0.127	0.589	2455.45	529.744	526.626	3.118
1994	159866	34293.631	33991.417	302.214	0.189	0.881	2344.16	502.857	498.426	4.431
1995	158083	33531.695	33095.913	435.782	0.276	1.300	2273.86	482.318	476.050	6.268
1996	154875	32438.163	31889.953	548.210	0.354	1.690	2193.60	459.443	451.678	7.765
1997	149970	31179.663	30537.598	642.065	0.428	2.059	2090.14	434.552	425.603	8.948
1998	145407	29860.736	29140.708	720.028	0.495	2.411	1993.81	409.447	399.574	9.873
1999	165952	34413.904	33400.322	1013.582	0.611	2.945	2240.15	464.545	450.863	13.682
2000	160260	33265.290	32177.517	1087.773	0.679	3.270	2131.87	442.513	428.043	14.470
2001	154444	32074.102	30910.292	1163.810	0.754	3.629	2027.95	421.154	405.873	15.282
2002	151887	31817.956	30546.638	1271.318	0.837	3.996	1971.76	413.052	396.548	16.504
2003	146733	31025.931	29598.319	1427.612	0.973	4.601	1884.46	398.460	380.125	18.335
2004	138381	29503.602	28040.977	1462.626	1.057	4.957	1757.38	374.682	356.108	18.575
2005	135881	29077.894	27505.913	1571.981	1.157	5.406	1704.85	364.830	345.107	19.723
2006	131922	28385.448	26730.669	1654.779	1.254	5.830	1639.21	352.707	332.145	20.562
2007	126502	27327.625	25592.140	1735.485	1.372	6.351	1554.75	335.866	314.536	21.330
2008	125859	27025.472	25134.556	1890.916	1.502	6.997	1528.44	328.199	305.236	22.963
2009	122428	26361.626	24323.925	2037.701	1.664	7.730	1468.33	316.165	291.726	24.439

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619072.887	19283.79	0.643	3.021	2024.64	431.261	418.233	13.028

****

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_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.053	35.083	0.107	0.795	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.084	54.811	0.164	1.225	488.625	65.617	64.813	0.804
1995	33569	4476.290	4393.754	82.536	0.246	1.844	482.855	64.387	63.200	1.187
1996	33870	4489.078	4378.713	110.366	0.326	2.459	479.723	63.582	62.019	1.563
1997	33516	4444.866	4305.446	139.421	0.416	3.137	467.113	61.948	60.005	1.943
1998	32795	4313.427	4171.337	142.090	0.433	3.294	449.682	59.145	57.197	1.948
1999	33375	4232.739	4066.252	166.486	0.499	3.933	450.521	57.137	54.889	2.247
2000	33459	4307.577	4133.017	174.560	0.522	4.052	445.090	57.302	54.980	2.322
2001	32275	4136.308	3963.139	173.169	0.537	4.187	423.792	54.312	52.039	2.274
2002	31586	4079.175	3900.057	179.118	0.567	4.391	410.041	52.955	50.629	2.325
2003	30985	4096.221	3878.060	218.161	0.704	5.326	397.934	52.607	49.805	2.802
2004	29884	4034.217	3811.383	222.834	0.746	5.524	379.513	51.233	48.403	2.830
2005	28708	3944.303	3712.384	231.919	0.808	5.880	360.189	49.488	46.578	2.910
2006	28188	3970.169	3716.195	253.975	0.901	6.397	350.253	49.332	46.176	3.156
2007	28026	3957.558	3678.901	278.657	0.994	7.041	344.449	48.640	45.215	3.425
2008	27128	3812.302	3532.156	280.146	1.033	7.348	329.444	46.297	42.895	3.402
2009	27068	3827.467	3508.782	318.685	1.177	8.326	324.637	45.904	42.082	3.822

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81381.596	3075.908	0.490	3.642	424.421	57.058	54.980	2.078

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.545	32.624	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.336	55.056	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.731	86.054	0.248	0.441	498.677	280.671	279.433	1.238
1996	34582	19294.631	19185.992	108.638	0.314	0.563	489.808	273.283	271.744	1.539
1997	35267	19490.717	19373.433	117.283	0.333	0.602	491.517	271.643	270.008	1.635
1998	35675	19571.902	19384.651	187.251	0.525	0.957	489.172	268.368	265.800	2.568
1999	38516	21022.469	20750.711	271.758	0.706	1.293	519.919	283.777	280.109	3.668
2000	36283	19687.992	19360.858	327.134	0.902	1.662	482.656	261.900	257.549	4.352
2001	36281	19625.032	19251.768	373.263	1.029	1.902	476.394	257.690	252.789	4.901
2002	35983	19408.801	18985.513	423.287	1.176	2.181	467.122	251.960	246.465	5.495
2003	36205	19481.360	19058.729	422.631	1.167	2.169	464.974	250.195	244.767	5.428
2004	34611	18541.224	18130.364	410.860	1.187	2.216	439.544	235.465	230.247	5.218
2005	36826	19692.114	19230.963	461.151	1.252	2.342	462.043	247.070	241.284	5.786
2006	34350	18220.663	17807.880	412.783	1.202	2.265	426.820	226.403	221.274	5.129
2007	35326	18620.282	18195.005	425.277	1.204	2.284	434.168	228.849	223.623	5.227
2008	38248	20183.701	19619.387	564.314	1.475	2.796	464.487	245.112	238.259	6.853
2009	36902	19371.930	18794.522	577.408	1.565	2.981	442.580	232.335	225.410	6.925

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385165.945	5275.029	0.740	1.351	481.512	263.774	260.210	3.564

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
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	1.00001
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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_5_Varying_STP_Factor_1_4.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_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 2, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

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

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

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

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

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

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

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

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

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

****

Main Output for the Smoking History Summarized over Simulations for Run: 2, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	113.00	1.24					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1991.00	21.93			14.75	111.00	5.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 2 (APPENDIX_5_Varying_STP_Factor_1_4.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	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	5.00	0.93					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	160.00	29.85			21.33	7.00	4.38
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_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1853.00	20.34	187.00	8.50			
10	All Ages	Current MRTP	228.00	2.50					
10	All Ages	Current Dual	120.00	1.32					
10	All Ages	Former	2010.00	22.07			16.22	110.00	5.47

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.86			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	52.00	6.16			4.96	12.00	23.08

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	26.00	3.13					
10	30-34	Current Dual	18.00	2.17					
10	30-34	Former	160.00	19.25			8.90	11.00	6.88

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	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	263.00	23.44	18.00	6.27			
10	40-44	Current MRTP	18.00	1.60					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

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

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

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

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

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.86			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	214.00	26.39			14.70	9.00	4.21
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	14.00	2.61					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	174.00	32.46			23.39	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1558.00	18.18	237.00	11.81			
15	All Ages	Current MRTP	288.00	3.36					
15	All Ages	Current Dual	161.00	1.88					
15	All Ages	Former	2040.00	23.80			17.32	130.00	6.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	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	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.30			
15	30-34	Current MRTP	54.00	6.40					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.67	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	159.00	19.13	23.00	11.00			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	19.00	2.29					
15	35-39	Former	188.00	22.62			11.66	12.00	6.38
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.45			
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			14.19	9.00	4.17
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	228.00	20.32	25.00	9.29			
15	45-49	Current MRTP	30.00	2.67					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	292.00	26.02			14.87	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	153.00	15.77	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	11.00	1.13					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	25.00	15.72			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	230.00	28.36			17.60	12.00	5.22
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	18.00	3.36					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	185.00	34.51			24.64	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1306.00	16.26	259.00	14.61			

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	305.00	3.80					
20	All Ages	Current Dual	162.00	2.02					
20	All Ages	Former	2035.00	25.33			18.84	121.00	5.95
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	13.00	20.31
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	11.00	4.35			
20	35-39	Current MRTP	60.00	7.11					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	113.00	13.39			8.48	17.00	15.04
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	34.00	4.09					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	208.00	25.03			14.93	6.00	2.88
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			16.90	8.00	3.38
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	201.00	17.91	33.00	13.36			
20	50-54	Current MRTP	32.00	2.85					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	314.00	27.99			17.73	16.00	5.10
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.50			
20	60-64	Current MRTP	28.00	3.45					

Results for PHIM for Run 2 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	238.00	29.35			20.61	11.00	4.62

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

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

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

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

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

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

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62279.201	53.119	0.026	0.085	2793.47	859.818	859.085	0.733
1994	200658	62691.239	62617.612	73.627	0.037	0.117	2725.82	851.622	850.622	1.000
1995	201023	63132.954	63012.833	120.122	0.060	0.190	2687.54	844.043	842.437	1.606
1996	201180	64309.880	64220.546	89.334	0.044	0.139	2653.67	848.280	847.102	1.178
1997	198639	64547.894	64419.128	128.766	0.065	0.199	2583.39	839.475	837.800	1.675
1998	197573	65384.866	65131.840	253.026	0.128	0.387	2533.29	838.367	835.123	3.244
1999	211329	67554.762	67152.797	401.965	0.190	0.595	2673.14	854.513	849.429	5.085
2000	208496	68184.366	67665.578	518.788	0.249	0.761	2604.20	851.652	845.172	6.480
2001	203606	68286.060	67618.490	667.570	0.328	0.978	2514.65	843.372	835.127	8.245
2002	200828	68983.996	68242.732	741.264	0.369	1.075	2455.47	843.450	834.387	9.063
2003	196352	68717.830	67748.654	969.176	0.494	1.410	2377.49	832.057	820.322	11.735
2004	188160	67344.952	66055.592	1289.360	0.685	1.915	2254.66	806.974	791.524	15.450
2005	186416	67846.650	66334.899	1511.751	0.811	2.228	2208.07	803.634	785.727	17.906
2006	180088	66622.465	64656.070	1966.395	1.092	2.952	2113.55	781.893	758.815	23.078
2007	175644	65977.201	63669.189	2308.012	1.314	3.498	2039.92	766.256	739.451	26.805
2008	177570	67121.344	64611.642	2509.702	1.413	3.739	2039.03	770.751	741.932	28.819
2009	172806	66622.993	63757.627	2865.366	1.658	4.301	1961.22	756.123	723.603	32.520

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285826.161	16490.20	0.423	1.266	2465.77	823.300	812.875	10.425

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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_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.224	10.512	0.023	0.031	638.542	461.657	461.512	0.145
1994	47017	33989.389	33977.707	11.682	0.025	0.034	638.697	461.725	461.566	0.159
1995	47840	34566.580	34544.589	21.991	0.046	0.064	639.587	462.131	461.837	0.294
1996	48244	34997.958	34994.331	3.627	0.008	0.010	636.363	461.641	461.593	0.048
1997	49035	35549.658	35534.566	15.092	0.031	0.042	637.723	462.340	462.143	0.196
1998	49686	36138.033	36091.895	46.139	0.093	0.128	637.076	463.363	462.771	0.592
1999	48883	35506.142	35437.774	68.367	0.140	0.193	618.331	449.124	448.259	0.865
2000	50331	36573.306	36467.902	105.404	0.209	0.288	628.656	456.816	455.500	1.317
2001	50389	36733.445	36591.884	141.561	0.281	0.385	622.333	453.679	451.931	1.748
2002	51445	37627.700	37457.119	170.581	0.332	0.453	629.005	460.065	457.979	2.086
2003	51408	37552.784	37305.984	246.800	0.480	0.657	622.464	454.701	451.713	2.988
2004	51399	37527.823	37176.327	351.496	0.684	0.937	615.898	449.684	445.472	4.212
2005	51421	37486.186	37076.557	409.630	0.797	1.093	609.074	444.018	439.166	4.852
2006	51355	37409.496	36828.735	580.761	1.131	1.552	602.712	439.045	432.229	6.816
2007	51839	37602.867	36894.988	707.880	1.366	1.883	602.056	436.718	428.497	8.221
2008	50976	36986.957	36243.252	743.704	1.459	2.011	585.355	424.719	416.179	8.540
2009	51193	37201.944	36310.362	891.583	1.742	2.397	581.003	422.215	412.096	10.119

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707370.393	4534.446	0.462	0.637	619.890	450.053	447.186	2.867

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.264	28.670	0.031	0.231	1292.22	171.073	170.678	0.395
1994	90832	12128.576	12082.566	46.010	0.051	0.379	1233.90	164.759	164.134	0.625
1995	89698	11958.696	11892.748	65.948	0.074	0.551	1199.20	159.879	158.998	0.882
1996	88286	12020.749	11944.970	75.779	0.086	0.630	1164.54	158.560	157.560	1.000
1997	84777	11593.724	11496.308	97.415	0.115	0.840	1102.56	150.782	149.515	1.267
1998	82517	11337.035	11186.335	150.699	0.183	1.329	1058.04	145.364	143.432	1.932
1999	93939	13027.458	12778.874	248.583	0.265	1.908	1188.25	164.787	161.642	3.144
2000	90039	12607.547	12328.760	278.788	0.310	2.211	1124.63	157.474	153.991	3.482
2001	86119	12350.451	11992.316	358.135	0.416	2.900	1063.62	152.535	148.112	4.423
2002	83014	12112.097	11718.423	393.673	0.474	3.250	1014.99	148.092	143.278	4.813
2003	79302	11683.252	11224.035	459.217	0.579	3.931	960.214	141.465	135.904	5.560
2004	73861	11139.095	10569.194	569.901	0.772	5.116	885.053	133.476	126.647	6.829
2005	71649	10884.683	10240.069	644.614	0.900	5.922	848.672	128.927	121.292	7.635
2006	67551	10397.565	9634.847	762.718	1.129	7.336	792.791	122.028	113.076	8.951
2007	63503	9785.831	8922.786	863.045	1.359	8.819	737.521	113.652	103.629	10.023
2008	63171	9922.524	8989.103	933.421	1.478	9.407	725.389	113.940	103.221	10.718
2009	59747	9483.598	8479.478	1004.120	1.681	10.588	678.085	107.632	96.236	11.396

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225495.124	6987.425	0.423	3.006	1043.56	146.971	142.554	4.417

****

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_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.442	8.074	0.025	0.259	452.005	42.962	42.851	0.111
1994	33005	3168.398	3155.299	13.099	0.040	0.413	448.353	43.041	42.863	0.178
1995	33730	3200.274	3179.280	20.994	0.062	0.656	450.946	42.785	42.505	0.281
1996	33750	3234.738	3208.607	26.131	0.077	0.808	445.180	42.668	42.323	0.345
1997	33699	3240.665	3214.193	26.472	0.079	0.817	438.271	42.146	41.802	0.344
1998	33274	3171.578	3127.494	44.084	0.132	1.390	426.640	40.666	40.101	0.565
1999	33891	3153.786	3086.131	67.655	0.200	2.145	428.694	39.893	39.037	0.856
2000	33827	3237.043	3149.393	87.650	0.259	2.708	422.514	40.432	39.337	1.095
2001	32506	3110.972	3001.247	109.725	0.338	3.527	401.468	38.422	37.067	1.355
2002	32078	3123.298	2997.131	126.166	0.393	4.040	392.210	38.188	36.645	1.543
2003	30568	3025.984	2881.392	144.591	0.473	4.778	370.127	36.640	34.889	1.751
2004	29388	2983.453	2797.910	185.544	0.631	6.219	352.147	35.750	33.526	2.223
2005	27954	2926.679	2716.230	210.449	0.753	7.191	331.111	34.666	32.173	2.493
2006	27201	2889.308	2642.641	246.667	0.907	8.537	319.236	33.909	31.015	2.895
2007	26302	2810.025	2526.452	283.574	1.078	10.091	305.470	32.636	29.342	3.293
2008	25998	2773.025	2476.107	296.918	1.142	10.707	298.534	31.843	28.433	3.409
2009	25040	2723.293	2395.225	328.069	1.310	12.047	284.186	30.907	27.184	3.723

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59063.822	2227.921	0.357	3.635	394.195	38.747	37.339	1.408

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.271	5.863	0.020	0.044	410.705	184.125	184.044	0.081
1994	29804	13404.876	13402.040	2.836	0.010	0.021	404.869	182.097	182.059	0.039
1995	29755	13407.404	13396.216	11.188	0.038	0.083	397.803	179.248	179.098	0.150
1996	30900	14056.435	14072.638	-16.203	-0.052	-0.115	407.587	185.412	185.625	-0.214
1997	31128	14163.848	14174.061	-10.213	-0.033	-0.072	404.834	184.207	184.340	-0.133
1998	32096	14738.220	14726.116	12.105	0.038	0.082	411.536	188.974	188.819	0.155
1999	34616	15867.376	15850.017	17.359	0.050	0.109	437.865	200.710	200.490	0.220
2000	34299	15766.470	15719.524	46.946	0.137	0.298	428.409	196.930	196.344	0.586
2001	34592	16091.193	16033.044	58.149	0.168	0.361	427.231	198.736	198.017	0.718
2002	34291	16120.902	16070.059	50.843	0.148	0.315	419.268	197.106	196.485	0.622
2003	35074	16455.810	16337.243	118.568	0.338	0.721	424.687	199.252	197.817	1.436
2004	33512	15694.580	15512.161	182.419	0.544	1.162	401.564	188.063	185.877	2.186
2005	35392	16549.102	16302.043	247.059	0.698	1.493	419.213	196.022	193.095	2.926
2006	33981	15926.096	15549.847	376.249	1.107	2.362	398.807	186.912	182.496	4.416
2007	34000	15778.477	15324.963	453.514	1.334	2.874	394.875	183.251	177.983	5.267
2008	37425	17438.838	16903.179	535.659	1.431	3.072	429.749	200.249	194.098	6.151
2009	36826	17214.158	16572.563	641.595	1.742	3.727	417.948	195.368	188.087	7.282

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293896.821	2740.412	0.424	0.924	408.132	187.528	185.796	1.732

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
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	1.5
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 3, Scenario: STP_NULL

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

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

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.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 Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	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 CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 3, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

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

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

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

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

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

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

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

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

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

****

Main Output for the Smoking History Summarized over Simulations for Run: 3, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2461.00	26.82	145.00	5.41			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	87.00	0.95					
5	All Ages	Former	2597.00	28.30			15.50	149.00	5.74

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 3 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	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	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	234.00	27.24	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	8.00	0.93					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2260.00	24.11	243.00	8.98			
10	All Ages	Current MRTP	270.00	2.88					
10	All Ages	Current Dual	177.00	1.89					
10	All Ages	Former	2595.00	27.68			17.23	163.00	6.28

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	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	17.00	28.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	11.00	3.47			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	142.00	14.82			8.01	13.00	9.15

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	20.00	5.57			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	27.00	8.52			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

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

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

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

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

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	207.00	24.10	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	13.00	1.51					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1980.00	22.18	306.00	12.04			
15	All Ages	Current MRTP	362.00	4.06					
15	All Ages	Current Dual	200.00	2.24					
15	All Ages	Former	2517.00	28.20			18.75	138.00	5.48
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.22	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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	16.00	17.98
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	490.00	51.15					
15	35-39	Current CC	226.00	23.59	22.00	7.26			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	165.00	17.22			10.72	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	15.00	1.40					
15	40-44	Former	262.00	24.39			12.64	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	257.00	23.73	40.00	13.11			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	12.00	1.11					
15	45-49	Former	300.00	27.70			14.81	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	181.00	21.07	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	109.00	20.80	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1641.00	19.47	352.00	15.51			

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	407.00	4.83					
20	All Ages	Current Dual	221.00	2.62					
20	All Ages	Former	2438.00	28.93			19.80	143.00	5.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	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	15.00	18.75
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	13.00	4.59			
20	35-39	Current MRTP	53.00	5.79					
20	35-39	Current Dual	40.00	4.37					
20	35-39	Former	117.00	12.79			8.67	16.00	13.68
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	26.00	9.15			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	184.00	19.21			13.63	10.00	5.43
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	37.00	3.45					
20	45-49	Current Dual	17.00	1.58					
20	45-49	Former	284.00	26.44			15.63	15.00	5.28
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	50.00	17.86			
20	50-54	Current MRTP	49.00	4.52					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	325.00	30.01			17.56	14.00	4.31
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	49.00	23.00			
20	60-64	Current MRTP	35.00	4.07					

Results for PHIM for Run 3 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	338.00	39.35			22.57	16.00	4.73

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	116.00	18.41	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	93.00	17.75	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	12.00	2.29					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.88	14.00	5.41

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.413	342.803	0.110	0.278	4656.77	1841.55	1836.43	5.121
1994	305700	120480.723	119965.931	514.792	0.168	0.427	4482.57	1766.64	1759.10	7.549
1995	303225	118666.569	117908.412	758.157	0.250	0.639	4361.58	1706.89	1695.99	10.905
1996	299559	116607.195	115646.203	960.992	0.321	0.824	4242.85	1651.58	1637.97	13.611
1997	294226	114665.051	113555.145	1109.906	0.377	0.968	4100.64	1598.09	1582.62	15.469
1998	289258	113038.380	111696.372	1342.008	0.464	1.187	3966.28	1549.97	1531.57	18.401
1999	311002	117067.463	115253.008	1814.455	0.583	1.550	4198.14	1580.27	1555.77	24.493
2000	303786	114977.407	112941.144	2036.263	0.670	1.771	4041.13	1529.49	1502.40	27.087
2001	296294	113047.319	110835.015	2212.304	0.747	1.957	3890.54	1484.39	1455.34	29.049
2002	291898	111744.742	109316.304	2428.438	0.832	2.173	3789.34	1450.64	1419.11	31.525
2003	285865	110551.854	107898.681	2653.173	0.928	2.400	3671.31	1419.80	1385.72	34.074
2004	274177	107418.262	104706.674	2711.588	0.989	2.524	3481.92	1364.16	1329.73	34.436
2005	272379	107678.770	104770.909	2907.861	1.068	2.700	3417.44	1351.01	1314.52	36.484
2006	264118	104357.806	101393.916	2963.890	1.122	2.840	3281.83	1296.71	1259.88	36.828
2007	258419	102690.449	99581.538	3108.912	1.203	3.027	3176.05	1262.10	1223.89	38.210
2008	259461	103492.166	99978.515	3513.652	1.354	3.395	3150.91	1256.82	1214.15	42.670
2009	253907	101384.044	97604.492	3779.552	1.489	3.728	3045.20	1215.94	1170.61	45.330

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237903.480	35340.20	0.608	1.555	3927.78	1535.76	1511.88	23.875

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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_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.706	66.405	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.093	102.711	0.133	0.166	1135.48	906.276	904.770	1.506
1995	76904	61145.799	60992.014	153.786	0.200	0.252	1106.18	879.519	877.307	2.212
1996	76232	60385.323	60191.544	193.778	0.254	0.321	1079.72	855.277	852.532	2.745
1997	75473	59549.806	59338.668	211.137	0.280	0.355	1051.87	829.947	827.004	2.943
1998	75381	59292.315	58999.676	292.639	0.388	0.494	1033.62	813.010	808.997	4.013
1999	73159	57398.351	57035.723	362.628	0.496	0.632	987.557	774.807	769.912	4.895
2000	73784	57716.549	57269.862	446.687	0.605	0.774	981.515	767.777	761.835	5.942
2001	73294	57211.877	56709.956	501.921	0.685	0.877	962.399	751.230	744.639	6.591
2002	72442	56438.810	55884.184	554.626	0.766	0.983	940.422	732.673	725.473	7.200
2003	71942	55948.341	55363.642	584.699	0.813	1.045	923.937	718.533	711.024	7.509
2004	71301	55339.218	54723.791	615.427	0.863	1.112	905.490	702.783	694.967	7.816
2005	70964	54964.459	54321.504	642.956	0.906	1.170	890.360	689.620	681.553	8.067
2006	69658	53781.526	53139.028	642.499	0.922	1.195	865.543	668.268	660.285	7.983
2007	68565	52784.985	52115.354	669.630	0.977	1.269	842.687	648.745	640.515	8.230
2008	68226	52470.692	51691.514	779.178	1.142	1.485	828.542	637.208	627.746	9.462
2009	67509	51823.021	50975.046	847.975	1.256	1.636	809.661	621.533	611.363	10.170

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152279.757	7708.772	0.522	0.665	997.213	783.665	778.457	5.208

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.109	208.691	0.127	0.589	2455.45	529.744	526.626	3.118
1994	159866	34293.631	33991.417	302.214	0.189	0.881	2344.16	502.857	498.426	4.431
1995	158083	33531.695	33095.913	435.782	0.276	1.300	2273.86	482.318	476.050	6.268
1996	154875	32438.163	31889.953	548.210	0.354	1.690	2193.60	459.443	451.678	7.765
1997	149970	31179.663	30537.598	642.065	0.428	2.059	2090.14	434.552	425.603	8.948
1998	145407	29860.736	29140.708	720.028	0.495	2.411	1993.81	409.447	399.574	9.873
1999	165952	34413.904	33400.322	1013.582	0.611	2.945	2240.15	464.545	450.863	13.682
2000	160260	33265.290	32177.432	1087.858	0.679	3.270	2131.87	442.513	428.042	14.471
2001	154444	32074.102	30910.181	1163.920	0.754	3.629	2027.95	421.154	405.871	15.283
2002	151887	31817.956	30546.575	1271.382	0.837	3.996	1971.76	413.052	396.547	16.505
2003	146733	31025.931	29598.275	1427.656	0.973	4.601	1884.46	398.460	380.125	18.335
2004	138381	29503.602	28041.126	1462.476	1.057	4.957	1757.38	374.682	356.110	18.573
2005	135881	29077.894	27506.048	1571.846	1.157	5.406	1704.85	364.830	345.109	19.721
2006	131922	28385.448	26730.804	1654.644	1.254	5.829	1639.21	352.707	332.147	20.560
2007	126502	27327.625	25592.266	1735.359	1.372	6.350	1554.75	335.866	314.537	21.328
2008	125859	27025.472	25135.281	1890.191	1.502	6.994	1528.44	328.199	305.245	22.955
2009	122428	26361.626	24325.600	2036.026	1.663	7.723	1468.33	316.165	291.746	24.419

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619075.528	19281.15	0.643	3.020	2024.64	431.261	418.235	13.026

****

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_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.053	35.083	0.107	0.795	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.084	54.811	0.164	1.225	488.625	65.617	64.813	0.804
1995	33569	4476.290	4393.754	82.536	0.246	1.844	482.855	64.387	63.200	1.187
1996	33870	4489.078	4378.713	110.366	0.326	2.459	479.723	63.582	62.019	1.563
1997	33516	4444.866	4305.446	139.421	0.416	3.137	467.113	61.948	60.005	1.943
1998	32795	4313.427	4171.337	142.090	0.433	3.294	449.682	59.145	57.197	1.948
1999	33375	4232.739	4066.252	166.486	0.499	3.933	450.521	57.137	54.889	2.247
2000	33459	4307.577	4132.999	174.578	0.522	4.053	445.090	57.302	54.979	2.322
2001	32275	4136.308	3963.118	173.191	0.537	4.187	423.792	54.312	52.038	2.274
2002	31586	4079.175	3900.039	179.135	0.567	4.391	410.041	52.955	50.629	2.325
2003	30985	4096.221	3878.042	218.179	0.704	5.326	397.934	52.607	49.805	2.802
2004	29884	4034.217	3811.392	222.825	0.746	5.523	379.513	51.233	48.403	2.830
2005	28708	3944.303	3712.393	231.909	0.808	5.880	360.189	49.488	46.578	2.910
2006	28188	3970.169	3716.202	253.967	0.901	6.397	350.253	49.332	46.176	3.156
2007	28026	3957.558	3678.909	278.649	0.994	7.041	344.449	48.640	45.215	3.425
2008	27128	3812.302	3532.278	280.024	1.032	7.345	329.444	46.297	42.896	3.401
2009	27068	3827.467	3509.117	318.350	1.176	8.318	324.637	45.904	42.086	3.818

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81382.012	3075.492	0.490	3.641	424.421	57.058	54.980	2.078

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.545	32.624	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.336	55.056	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.731	86.054	0.248	0.441	498.677	280.671	279.433	1.238
1996	34582	19294.631	19185.992	108.638	0.314	0.563	489.808	273.283	271.744	1.539
1997	35267	19490.717	19373.433	117.283	0.333	0.602	491.517	271.643	270.008	1.635
1998	35675	19571.902	19384.651	187.251	0.525	0.957	489.172	268.368	265.800	2.568
1999	38516	21022.469	20750.711	271.758	0.706	1.293	519.919	283.777	280.109	3.668
2000	36283	19687.992	19360.851	327.140	0.902	1.662	482.656	261.900	257.549	4.352
2001	36281	19625.032	19251.760	373.271	1.029	1.902	476.394	257.690	252.788	4.901
2002	35983	19408.801	18985.505	423.296	1.176	2.181	467.122	251.960	246.465	5.495
2003	36205	19481.360	19058.721	422.639	1.167	2.169	464.974	250.195	244.767	5.428
2004	34611	18541.224	18130.365	410.860	1.187	2.216	439.544	235.465	230.247	5.218
2005	36826	19692.114	19230.964	461.150	1.252	2.342	462.043	247.070	241.284	5.786
2006	34350	18220.663	17807.882	412.781	1.202	2.265	426.820	226.403	221.274	5.129
2007	35326	18620.282	18195.009	425.273	1.204	2.284	434.168	228.849	223.623	5.227
2008	38248	20183.701	19619.441	564.259	1.475	2.796	464.487	245.112	238.260	6.852
2009	36902	19371.930	18794.729	577.201	1.564	2.980	442.580	232.335	225.412	6.923

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385166.184	5274.790	0.740	1.351	481.512	263.774	260.211	3.564

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
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	1.5
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

****

STP values for Run: 4, Scenario: STP_NULL

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

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

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

****

STP values for Run: 4, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		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_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 4, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

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

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

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

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

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

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

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

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

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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Main Output for the Smoking History Summarized over Simulations for Run: 4, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	115.00	5.22			
5	All Ages	Current MRTP	112.00	1.23					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1992.00	21.94			14.74	111.00	5.57

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_5_Varying_STP_Factor_1_4.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	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	15.00	13.04			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	161.00	30.04			21.21	7.00	4.35
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1852.00	20.33	187.00	8.50			
10	All Ages	Current MRTP	228.00	2.50					
10	All Ages	Current Dual	121.00	1.33					
10	All Ages	Former	2010.00	22.07			16.22	109.00	5.42

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.86			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	52.00	6.16			4.96	12.00	23.08

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	26.00	3.13					
10	30-34	Current Dual	18.00	2.17					
10	30-34	Former	160.00	19.25			8.90	11.00	6.88

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	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	18.00	6.27			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

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

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

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

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

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	18.00	17.82			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	175.00	32.65			23.30	10.00	5.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	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	1557.00	18.17	237.00	11.81			
15	All Ages	Current MRTP	288.00	3.36					
15	All Ages	Current Dual	162.00	1.89					
15	All Ages	Former	2040.00	23.80			17.32	130.00	6.37
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	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	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.30			
15	30-34	Current MRTP	54.00	6.40					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.67	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	159.00	19.13	23.00	11.00			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	19.00	2.29					
15	35-39	Former	188.00	22.62			11.66	12.00	6.38
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.45			
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			14.19	9.00	4.17
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	227.00	20.23	25.00	9.29			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	292.00	26.02			14.87	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	153.00	15.77	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	11.00	1.13					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	134.00	16.52	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	27.00	30.00			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	186.00	34.70			24.58	12.00	6.45
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1305.00	16.24	259.00	14.62			

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	305.00	3.80					
20	All Ages	Current Dual	162.00	2.02					
20	All Ages	Former	2036.00	25.34			18.83	121.00	5.94

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	13.00	20.31

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	11.00	4.35			
20	35-39	Current MRTP	60.00	7.11					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	113.00	13.39			8.48	17.00	15.04

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	34.00	4.09					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	208.00	25.03			14.93	6.00	2.88

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			16.90	8.00	3.38

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	33.00	13.36			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	314.00	27.99			17.73	16.00	5.10

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 4 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.435	74.804	0.037	0.119	2725.82	851.622	850.606	1.016
1995	201023	63132.954	63011.238	121.716	0.061	0.193	2687.54	844.043	842.416	1.627
1996	201180	64309.880	64217.590	92.290	0.046	0.144	2653.67	848.280	847.063	1.217
1997	198639	64547.894	64415.517	132.376	0.067	0.205	2583.39	839.475	837.753	1.722
1998	197573	65384.866	65127.305	257.561	0.130	0.394	2533.29	838.367	835.064	3.302
1999	211329	67554.762	67147.865	406.897	0.193	0.602	2673.14	854.513	849.367	5.147
2000	208496	68184.366	67661.030	523.337	0.251	0.768	2604.20	851.652	845.115	6.537
2001	203606	68286.060	67613.266	672.794	0.330	0.985	2514.65	843.372	835.063	8.309
2002	200828	68983.996	68238.040	745.956	0.371	1.081	2455.47	843.450	834.330	9.121
2003	196352	68717.830	67743.918	973.912	0.496	1.417	2377.49	832.057	820.265	11.792
2004	188160	67344.952	66050.898	1294.053	0.688	1.922	2254.66	806.974	791.467	15.506
2005	186416	67846.650	66330.454	1516.196	0.813	2.235	2208.07	803.634	785.675	17.959
2006	180088	66622.465	64658.036	1964.429	1.091	2.949	2113.55	781.893	758.839	23.055
2007	175644	65977.201	63670.274	2306.927	1.313	3.497	2039.92	766.256	739.464	26.793
2008	177570	67121.344	64611.841	2509.503	1.413	3.739	2039.03	770.751	741.934	28.816
2009	172806	66622.993	63756.884	2866.109	1.659	4.302	1961.22	756.123	723.594	32.528

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285780.920	16535.44	0.424	1.270	2465.77	823.300	812.847	10.453

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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_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.367	12.022	0.026	0.035	638.697	461.725	461.562	0.163
1995	47840	34566.580	34544.142	22.438	0.047	0.065	639.587	462.131	461.831	0.300
1996	48244	34997.958	34993.527	4.431	0.009	0.013	636.363	461.641	461.582	0.058
1997	49035	35549.658	35533.686	15.972	0.033	0.045	637.723	462.340	462.132	0.208
1998	49686	36138.033	36090.756	47.278	0.095	0.131	637.076	463.363	462.757	0.606
1999	48883	35506.142	35436.568	69.573	0.142	0.196	618.331	449.124	448.244	0.880
2000	50331	36573.306	36466.723	106.583	0.212	0.291	628.656	456.816	455.485	1.331
2001	50389	36733.445	36590.270	143.175	0.284	0.390	622.333	453.679	451.911	1.768
2002	51445	37627.700	37455.738	171.962	0.334	0.457	629.005	460.065	457.962	2.103
2003	51408	37552.784	37304.474	248.310	0.483	0.661	622.464	454.701	451.694	3.007
2004	51399	37527.823	37174.718	353.105	0.687	0.941	615.898	449.684	445.453	4.231
2005	51421	37486.186	37075.014	411.172	0.800	1.097	609.074	444.018	439.148	4.870
2006	51355	37409.496	36829.474	580.021	1.129	1.550	602.712	439.045	432.237	6.807
2007	51839	37602.867	36895.623	707.244	1.364	1.881	602.056	436.718	428.504	8.214
2008	50976	36986.957	36243.646	743.311	1.458	2.010	585.355	424.719	416.184	8.535
2009	51193	37201.944	36310.404	891.540	1.742	2.396	581.003	422.215	412.097	10.118

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707358.390	4546.449	0.464	0.639	619.890	450.053	447.179	2.874

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12082.075	46.501	0.051	0.383	1233.90	164.759	164.128	0.632
1995	89698	11958.696	11892.072	66.624	0.074	0.557	1199.20	159.879	158.989	0.891
1996	88286	12020.749	11943.852	76.897	0.087	0.640	1164.54	158.560	157.545	1.014
1997	84777	11593.724	11494.815	98.909	0.117	0.853	1102.56	150.782	149.495	1.286
1998	82517	11337.035	11184.486	152.548	0.185	1.346	1058.04	145.364	143.408	1.956
1999	93939	13027.458	12776.883	250.575	0.267	1.923	1188.25	164.787	161.617	3.170
2000	90039	12607.547	12327.095	280.452	0.311	2.224	1124.63	157.474	153.971	3.503
2001	86119	12350.451	11990.627	359.823	0.418	2.913	1063.62	152.535	148.091	4.444
2002	83014	12112.097	11716.899	395.197	0.476	3.263	1014.99	148.092	143.260	4.832
2003	79302	11683.252	11222.745	460.507	0.581	3.942	960.214	141.465	135.889	5.576
2004	73861	11139.095	10568.118	570.977	0.773	5.126	885.053	133.476	126.634	6.842
2005	71649	10884.683	10239.261	645.422	0.901	5.930	848.672	128.927	121.283	7.645
2006	67551	10397.565	9635.061	762.503	1.129	7.333	792.791	122.028	113.079	8.949
2007	63503	9785.831	8922.552	863.280	1.359	8.822	737.521	113.652	103.626	10.026
2008	63171	9922.524	8988.423	934.102	1.479	9.414	725.389	113.940	103.214	10.726
2009	59747	9483.598	8478.604	1004.994	1.682	10.597	678.085	107.632	96.226	11.406

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225477.615	7004.935	0.424	3.013	1043.56	146.971	142.543	4.428

****

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_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.157	13.241	0.040	0.418	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.081	21.193	0.063	0.662	450.946	42.785	42.502	0.283
1996	33750	3234.738	3208.200	26.539	0.079	0.820	445.180	42.668	42.318	0.350
1997	33699	3240.665	3213.645	27.019	0.080	0.834	438.271	42.146	41.795	0.351
1998	33274	3171.578	3126.845	44.733	0.134	1.410	426.640	40.666	40.093	0.574
1999	33891	3153.786	3085.485	68.301	0.202	2.166	428.694	39.893	39.029	0.864
2000	33827	3237.043	3148.810	88.233	0.261	2.726	422.514	40.432	39.330	1.102
2001	32506	3110.972	3001.081	109.891	0.338	3.532	401.468	38.422	37.065	1.357
2002	32078	3123.298	2997.012	126.286	0.394	4.043	392.210	38.188	36.644	1.544
2003	30568	3025.984	2881.351	144.633	0.473	4.780	370.127	36.640	34.888	1.751
2004	29388	2983.453	2797.869	185.584	0.631	6.220	352.147	35.750	33.526	2.224
2005	27954	2926.679	2716.207	210.472	0.753	7.191	331.111	34.666	32.173	2.493
2006	27201	2889.308	2642.954	246.354	0.906	8.526	319.236	33.909	31.018	2.891
2007	26302	2810.025	2526.496	283.529	1.078	10.090	305.470	32.636	29.343	3.293
2008	25998	2773.025	2475.992	297.033	1.143	10.712	298.534	31.843	28.432	3.411
2009	25040	2723.293	2394.955	328.338	1.311	12.057	284.186	30.907	27.181	3.726

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59060.157	2231.586	0.358	3.641	394.195	38.747	37.337	1.411

****

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

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

Note: Death rates are per million population

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.835	3.041	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13395.944	11.461	0.039	0.085	397.803	179.248	179.094	0.153
1996	30900	14056.435	14072.012	-15.577	-0.050	-0.111	407.587	185.412	185.617	-0.205
1997	31128	14163.848	14173.371	-9.523	-0.031	-0.067	404.834	184.207	184.331	-0.124
1998	32096	14738.220	14725.218	13.002	0.041	0.088	411.536	188.974	188.807	0.167
1999	34616	15867.376	15848.929	18.447	0.053	0.116	437.865	200.710	200.476	0.233
2000	34299	15766.470	15718.401	48.068	0.140	0.305	428.409	196.930	196.330	0.600
2001	34592	16091.193	16031.288	59.905	0.173	0.372	427.231	198.736	197.996	0.740
2002	34291	16120.902	16068.390	52.511	0.153	0.326	419.268	197.106	196.464	0.642
2003	35074	16455.810	16335.348	120.463	0.343	0.732	424.687	199.252	197.794	1.459
2004	33512	15694.580	15510.193	184.387	0.550	1.175	401.564	188.063	185.854	2.209
2005	35392	16549.102	16299.972	249.130	0.704	1.505	419.213	196.022	193.071	2.951
2006	33981	15926.096	15550.546	375.551	1.105	2.358	398.807	186.912	182.504	4.408
2007	34000	15778.477	15325.603	452.874	1.332	2.870	394.875	183.251	177.991	5.260
2008	37425	17438.838	16903.781	535.057	1.430	3.068	429.749	200.249	194.105	6.144
2009	36826	17214.158	16572.921	641.237	1.741	3.725	417.948	195.368	188.091	7.278

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

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293884.758	2752.475	0.426	0.928	408.132	187.528	185.788	1.740

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 5

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2.5
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 5, Scenario: STP_NULL

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

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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STP values for Run: 5, Scenario: STP_MRTP

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		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 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 5, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

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

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

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

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

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

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

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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Main Output for the Smoking History Summarized over Simulations for Run: 5, Scenario: MRTP

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2462.00	26.83	145.00	5.41			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	87.00	0.95					
5	All Ages	Former	2596.00	28.29			15.51	149.00	5.74

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 5 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	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	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2261.00	24.12	243.00	8.97			
10	All Ages	Current MRTP	269.00	2.87					
10	All Ages	Current Dual	179.00	1.91					
10	All Ages	Former	2593.00	27.66			17.24	162.00	6.25

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

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

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	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	17.00	28.33

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	11.00	3.46			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	26.00	2.71					
10	30-34	Former	141.00	14.72			8.05	13.00	9.22

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	21.00	5.83			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	226.00	21.04			9.97	13.00	5.75

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	27.00	8.52			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

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

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

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

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	25.83			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	5.00	1.00					
10	70-74	Former	260.00	52.00			24.28	18.00	6.92
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	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			24.87	13.00	4.96
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	1983.00	22.21	306.00	12.03			
15	All Ages	Current MRTP	361.00	4.04					
15	All Ages	Current Dual	199.00	2.23					
15	All Ages	Former	2516.00	28.18			18.75	139.00	5.52
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.22	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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	16.00	17.98
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	490.00	51.15					
15	35-39	Current CC	226.00	23.59	22.00	7.24			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	164.00	17.12			10.74	16.00	9.76
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	27.00	8.31			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	261.00	24.30			12.66	15.00	5.75
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	40.00	13.11			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	300.00	27.70			14.81	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	40.00	35.09			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	266.00	53.20			25.98	12.00	4.51
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1643.00	19.50	352.00	15.50			

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	405.00	4.81					
20	All Ages	Current Dual	223.00	2.65					
20	All Ages	Former	2436.00	28.91			19.81	142.00	5.83

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current 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	15.00	18.75

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	13.00	4.58			
20	35-39	Current MRTP	53.00	5.79					
20	35-39	Current Dual	41.00	4.48					
20	35-39	Former	116.00	12.68			8.73	15.00	12.93

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	26.00	9.12			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	183.00	19.10			13.63	10.00	5.46

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	248.00	23.09	35.00	11.51			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	19.00	1.77					
20	45-49	Former	282.00	26.26			15.69	15.00	5.32

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	217.00	20.04	49.00	17.56			
20	50-54	Current MRTP	48.00	4.43					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	326.00	30.10			17.52	14.00	4.29

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.21	13.00	3.88

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

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

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

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

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

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122929.909	339.307	0.109	0.275	4656.77	1841.55	1836.48	5.069
1994	305700	120480.723	119972.079	508.645	0.166	0.422	4482.57	1766.64	1759.19	7.458
1995	303225	118666.569	117917.490	749.079	0.247	0.631	4361.58	1706.89	1696.12	10.775
1996	299559	116607.195	115661.433	945.762	0.316	0.811	4242.85	1651.58	1638.19	13.395
1997	294226	114665.051	113571.730	1093.321	0.372	0.953	4100.64	1598.09	1582.85	15.238
1998	289258	113038.380	111714.211	1324.169	0.458	1.171	3966.28	1549.97	1531.81	18.157
1999	311002	117067.463	115272.932	1794.530	0.577	1.533	4198.14	1580.27	1556.04	24.224
2000	303786	114977.407	112962.980	2014.428	0.663	1.752	4041.13	1529.49	1502.69	26.797
2001	296294	113047.319	110856.410	2190.909	0.739	1.938	3890.54	1484.39	1455.62	28.768
2002	291898	111744.742	109339.379	2405.363	0.824	2.153	3789.34	1450.64	1419.41	31.226
2003	285865	110551.854	107922.624	2629.230	0.920	2.378	3671.31	1419.80	1386.03	33.767
2004	274177	107418.262	104732.454	2685.807	0.980	2.500	3481.92	1364.16	1330.05	34.109
2005	272379	107678.770	104801.209	2877.560	1.056	2.672	3417.44	1351.01	1314.90	36.104
2006	264118	104357.806	101413.605	2944.201	1.115	2.821	3281.83	1296.71	1260.13	36.583
2007	258419	102690.449	99608.177	3082.272	1.193	3.002	3176.05	1262.10	1224.22	37.882
2008	259461	103492.166	100005.062	3487.104	1.344	3.369	3150.91	1256.82	1214.47	42.348
2009	253907	101384.044	97631.395	3752.649	1.478	3.701	3045.20	1215.94	1170.93	45.007

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238237.891	35005.79	0.602	1.540	3927.78	1535.76	1512.11	23.649

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

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

Note: Death rates are per million population

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62817.399	65.713	0.084	0.104	1173.36	939.428	938.446	0.982
1994	77437	61805.804	61704.375	101.429	0.131	0.164	1135.48	906.276	904.789	1.487
1995	76904	61145.799	60993.754	152.046	0.198	0.249	1106.18	879.519	877.332	2.187
1996	76232	60385.323	60194.557	190.765	0.250	0.316	1079.72	855.277	852.575	2.702
1997	75473	59549.806	59342.081	207.724	0.275	0.349	1051.87	829.947	827.052	2.895
1998	75381	59292.315	59003.622	288.693	0.383	0.487	1033.62	813.010	809.052	3.959
1999	73159	57398.351	57039.656	358.696	0.490	0.625	987.557	774.807	769.965	4.842
2000	73784	57716.549	57273.907	442.641	0.600	0.767	981.515	767.777	761.889	5.888
2001	73294	57211.877	56715.305	496.572	0.678	0.868	962.399	751.230	744.710	6.520
2002	72442	56438.810	55889.696	549.115	0.758	0.973	940.422	732.673	725.545	7.128
2003	71942	55948.341	55369.601	578.740	0.804	1.034	923.937	718.533	711.101	7.433
2004	71301	55339.218	54730.225	608.994	0.854	1.100	905.490	702.783	695.049	7.734
2005	70964	54964.459	54329.084	635.375	0.895	1.156	890.360	689.620	681.648	7.972
2006	69658	53781.526	53142.146	639.381	0.918	1.189	865.543	668.268	660.324	7.945
2007	68565	52784.985	52119.415	665.570	0.971	1.261	842.687	648.745	640.565	8.180
2008	68226	52470.692	51695.861	774.832	1.136	1.477	828.542	637.208	627.798	9.410
2009	67509	51823.021	50980.029	842.992	1.249	1.627	809.661	621.533	611.423	10.110

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152349.162	7639.367	0.518	0.659	997.213	783.665	778.504	5.161

****

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

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

Note: Death rates are per million population

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35253.260	206.540	0.126	0.582	2455.45	529.744	526.658	3.086
1994	159866	34293.631	33995.090	298.541	0.187	0.871	2344.16	502.857	498.480	4.378
1995	158083	33531.695	33101.638	430.056	0.272	1.283	2273.86	482.318	476.133	6.186
1996	154875	32438.163	31898.651	539.512	0.348	1.663	2193.60	459.443	451.802	7.641
1997	149970	31179.663	30546.585	633.078	0.422	2.030	2090.14	434.552	425.729	8.823
1998	145407	29860.736	29150.015	710.721	0.489	2.380	1993.81	409.447	399.702	9.745
1999	165952	34413.904	33411.303	1002.602	0.604	2.913	2240.15	464.545	451.012	13.534
2000	160260	33265.290	32190.284	1075.006	0.671	3.232	2131.87	442.513	428.213	14.300
2001	154444	32074.102	30920.621	1153.480	0.747	3.596	2027.95	421.154	406.008	15.146
2002	151887	31817.956	30558.236	1259.720	0.829	3.959	1971.76	413.052	396.699	16.353
2003	146733	31025.931	29609.968	1415.963	0.965	4.564	1884.46	398.460	380.275	18.185
2004	138381	29503.602	28053.936	1449.667	1.048	4.914	1757.38	374.682	356.272	18.410
2005	135881	29077.894	27520.951	1556.943	1.146	5.354	1704.85	364.830	345.296	19.534
2006	131922	28385.448	26744.409	1641.038	1.244	5.781	1639.21	352.707	332.316	20.391
2007	126502	27327.625	25610.663	1716.963	1.357	6.283	1554.75	335.866	314.764	21.102
2008	125859	27025.472	25153.023	1872.449	1.488	6.928	1528.44	328.199	305.460	22.739
2009	122428	26361.626	24342.580	2019.046	1.649	7.659	1468.33	316.165	291.950	24.215

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

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619266.132	19090.54	0.637	2.991	2024.64	431.261	418.364	12.897

****

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

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

Results for PHIM for Run 5 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.376	34.760	0.106	0.787	491.442	65.944	65.425	0.519
1994	33323	4474.895	4420.674	54.221	0.163	1.212	488.625	65.617	64.822	0.795
1995	33569	4476.290	4394.572	81.718	0.243	1.826	482.855	64.387	63.211	1.175
1996	33870	4489.078	4380.422	108.656	0.321	2.420	479.723	63.582	62.043	1.539
1997	33516	4444.866	4307.368	137.498	0.410	3.093	467.113	61.948	60.032	1.916
1998	32795	4313.427	4173.312	140.115	0.427	3.248	449.682	59.145	57.224	1.921
1999	33375	4232.739	4068.312	164.427	0.493	3.885	450.521	57.137	54.917	2.220
2000	33459	4307.577	4135.391	172.186	0.515	3.997	445.090	57.302	55.011	2.291
2001	32275	4136.308	3964.159	172.150	0.533	4.162	423.792	54.312	52.052	2.260
2002	31586	4079.175	3901.185	177.990	0.564	4.363	410.041	52.955	50.644	2.311
2003	30985	4096.221	3879.285	216.936	0.700	5.296	397.934	52.607	49.821	2.786
2004	29884	4034.217	3812.836	221.381	0.741	5.488	379.513	51.233	48.421	2.811
2005	28708	3944.303	3714.114	230.189	0.802	5.836	360.189	49.488	46.600	2.888
2006	28188	3970.169	3717.990	252.179	0.895	6.352	350.253	49.332	46.198	3.133
2007	28026	3957.558	3681.298	276.260	0.986	6.981	344.449	48.640	45.244	3.395
2008	27128	3812.302	3534.619	277.682	1.024	7.284	329.444	46.297	42.925	3.372
2009	27068	3827.467	3511.571	315.896	1.167	8.253	324.637	45.904	42.116	3.789

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81409.367	3048.136	0.485	3.609	424.421	57.058	54.999	2.059

****

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

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

Note: Death rates are per million population

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.875	32.293	0.090	0.157	536.514	306.437	305.954	0.482
1994	35074	19906.392	19851.939	54.453	0.155	0.274	514.300	291.893	291.095	0.798
1995	34669	19512.784	19427.526	85.258	0.246	0.437	498.677	280.671	279.445	1.226
1996	34582	19294.631	19187.802	106.828	0.309	0.554	489.808	273.283	271.769	1.513
1997	35267	19490.717	19375.695	115.022	0.326	0.590	491.517	271.643	270.040	1.603
1998	35675	19571.902	19387.263	184.639	0.518	0.943	489.172	268.368	265.836	2.532
1999	38516	21022.469	20753.662	268.806	0.698	1.279	519.919	283.777	280.149	3.629
2000	36283	19687.992	19363.397	324.594	0.895	1.649	482.656	261.900	257.582	4.318
2001	36281	19625.032	19256.325	368.707	1.016	1.879	476.394	257.690	252.848	4.841
2002	35983	19408.801	18990.263	418.538	1.163	2.156	467.122	251.960	246.526	5.433
2003	36205	19481.360	19063.770	417.590	1.153	2.144	464.974	250.195	244.832	5.363
2004	34611	18541.224	18135.458	405.767	1.172	2.188	439.544	235.465	230.312	5.153
2005	36826	19692.114	19237.061	455.053	1.236	2.311	462.043	247.070	241.361	5.709
2006	34350	18220.663	17809.060	411.603	1.198	2.259	426.820	226.403	221.288	5.114
2007	35326	18620.282	18196.802	423.479	1.199	2.274	434.168	228.849	223.645	5.205
2008	38248	20183.701	19621.560	562.141	1.470	2.785	464.487	245.112	238.286	6.827
2009	36902	19371.930	18797.215	574.715	1.557	2.967	442.580	232.335	225.442	6.893

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

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385213.230	5227.743	0.733	1.339	481.512	263.774	260.242	3.532

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2.5
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 6, Scenario: STP_NULL

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

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

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

****

STP values for Run: 6, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		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 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 6, Scenario: NULL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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

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

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

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

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 6, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	111.00	1.22					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1992.00	21.94			14.74	111.00	5.57

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 6 (APPENDIX_5_Varying_STP_Factor_1_4.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	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.47			
5	55-59	Current MRTP	6.00	1.12					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	155.00	28.97			15.08	5.00	3.23
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1854.00	20.35	188.00	8.54			
10	All Ages	Current MRTP	227.00	2.49					
10	All Ages	Current Dual	121.00	1.33					
10	All Ages	Former	2009.00	22.06			16.23	109.00	5.43

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.86			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	52.00	6.16			4.96	12.00	23.08

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	14.00	6.09			
10	30-34	Current MRTP	26.00	3.13					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	160.00	19.25			8.90	11.00	6.88

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	26.00	8.81			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	194.00	19.42			11.28	8.00	4.12

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	18.00	6.27			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	154.00	18.99	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.08			
10	60-64	Current MRTP	11.00	2.06					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	164.00	30.65			18.35	6.00	3.66
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	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1560.00	18.20	238.00	11.83			
15	All Ages	Current MRTP	288.00	3.36					
15	All Ages	Current Dual	163.00	1.90					
15	All Ages	Former	2036.00	23.76			17.35	128.00	6.29
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	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.30			
15	30-34	Current MRTP	54.00	6.40					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.67	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	160.00	19.25	23.00	11.00			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	188.00	22.62			11.66	12.00	6.38
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.36			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	25.00	2.50					
15	40-44	Former	214.00	21.42			14.27	9.00	4.21
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	25.00	9.29			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	292.00	26.02			14.87	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.59			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	135.00	16.65	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.63			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	197.00	31.72			20.30	7.00	3.55
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.39	8.00	4.68
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1306.00	16.26	260.00	14.65			

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	305.00	3.80					
20	All Ages	Current Dual	164.00	2.04					
20	All Ages	Former	2033.00	25.30			18.85	122.00	6.00
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	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	13.00	20.31
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	11.00	4.35			
20	35-39	Current MRTP	60.00	7.11					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	113.00	13.39			8.48	17.00	15.04
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	27.00	14.21			
20	40-44	Current MRTP	34.00	4.09					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	207.00	24.91			14.99	6.00	2.90
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	38.00	15.02			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	24.00	2.40					
20	45-49	Former	236.00	23.62			16.90	9.00	3.81
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	33.00	13.36			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	314.00	27.99			17.73	16.00	5.10
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.61	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.35			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	207.00	33.33			23.09	9.00	4.35

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.81	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

****

Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.245	74.994	0.037	0.120	2725.82	851.622	850.603	1.019
1995	201023	63132.954	63012.413	120.542	0.060	0.191	2687.54	844.043	842.432	1.612
1996	201180	64309.880	64221.602	88.278	0.044	0.137	2653.67	848.280	847.116	1.164
1997	198639	64547.894	64420.628	127.266	0.064	0.197	2583.39	839.475	837.820	1.655
1998	197573	65384.866	65134.257	250.610	0.127	0.383	2533.29	838.367	835.154	3.213
1999	211329	67554.762	67157.253	397.509	0.188	0.588	2673.14	854.513	849.485	5.028
2000	208496	68184.366	67670.434	513.933	0.246	0.754	2604.20	851.652	845.232	6.419
2001	203606	68286.060	67624.769	661.292	0.325	0.968	2514.65	843.372	835.205	8.167
2002	200828	68983.996	68251.465	732.531	0.365	1.062	2455.47	843.450	834.494	8.956
2003	196352	68717.830	67760.000	957.831	0.488	1.394	2377.49	832.057	820.460	11.598
2004	188160	67344.952	66068.431	1276.521	0.678	1.895	2254.66	806.974	791.677	15.296
2005	186416	67846.650	66350.765	1495.885	0.802	2.205	2208.07	803.634	785.915	17.719
2006	180088	66622.465	64666.466	1955.999	1.086	2.936	2113.55	781.893	758.938	22.956
2007	175644	65977.201	63681.442	2295.759	1.307	3.480	2039.92	766.256	739.593	26.663
2008	177570	67121.344	64624.599	2496.745	1.406	3.720	2039.03	770.751	742.081	28.670
2009	172806	66622.993	63771.027	2851.966	1.650	4.281	1961.22	756.123	723.755	32.368

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285942.121	16374.24	0.420	1.257	2465.77	823.300	812.948	10.351

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Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.334	12.054	0.026	0.035	638.697	461.725	461.561	0.164
1995	47840	34566.580	34544.506	22.074	0.046	0.064	639.587	462.131	461.836	0.295
1996	48244	34997.958	34994.607	3.351	0.007	0.010	636.363	461.641	461.597	0.044
1997	49035	35549.658	35535.029	14.628	0.030	0.041	637.723	462.340	462.149	0.190
1998	49686	36138.033	36092.668	45.365	0.091	0.126	637.076	463.363	462.781	0.582
1999	48883	35506.142	35438.983	67.159	0.137	0.189	618.331	449.124	448.275	0.850
2000	50331	36573.306	36469.211	104.095	0.207	0.285	628.656	456.816	455.516	1.300
2001	50389	36733.445	36594.178	139.267	0.276	0.379	622.333	453.679	451.959	1.720
2002	51445	37627.700	37459.864	167.836	0.326	0.446	629.005	460.065	458.012	2.052
2003	51408	37552.784	37309.438	243.346	0.473	0.648	622.464	454.701	451.755	2.947
2004	51399	37527.823	37180.344	347.479	0.676	0.926	615.898	449.684	445.520	4.164
2005	51421	37486.186	37081.200	404.986	0.788	1.080	609.074	444.018	439.221	4.797
2006	51355	37409.496	36831.100	578.396	1.126	1.546	602.712	439.045	432.257	6.788
2007	51839	37602.867	36898.413	704.455	1.359	1.873	602.056	436.718	428.537	8.182
2008	50976	36986.957	36246.848	740.109	1.452	2.001	585.355	424.719	416.221	8.499
2009	51193	37201.944	36313.977	887.967	1.735	2.387	581.003	422.215	412.137	10.078

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707403.958	4500.881	0.459	0.632	619.890	450.053	447.208	2.845

****

Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12081.973	46.603	0.051	0.384	1233.90	164.759	164.126	0.633
1995	89698	11958.696	11892.522	66.174	0.074	0.553	1199.20	159.879	158.995	0.885
1996	88286	12020.749	11945.256	75.493	0.086	0.628	1164.54	158.560	157.564	0.996
1997	84777	11593.724	11496.513	97.210	0.115	0.838	1102.56	150.782	149.517	1.264
1998	82517	11337.035	11186.696	150.339	0.182	1.326	1058.04	145.364	143.436	1.928
1999	93939	13027.458	12780.088	247.369	0.263	1.899	1188.25	164.787	161.658	3.129
2000	90039	12607.547	12330.081	277.466	0.308	2.201	1124.63	157.474	154.008	3.466
2001	86119	12350.451	11993.252	357.199	0.415	2.892	1063.62	152.535	148.124	4.412
2002	83014	12112.097	11720.781	391.316	0.471	3.231	1014.99	148.092	143.307	4.785
2003	79302	11683.252	11227.381	455.871	0.575	3.902	960.214	141.465	135.945	5.520
2004	73861	11139.095	10573.057	566.038	0.766	5.082	885.053	133.476	126.694	6.783
2005	71649	10884.683	10245.345	639.338	0.892	5.874	848.672	128.927	121.355	7.573
2006	67551	10397.565	9639.558	758.006	1.122	7.290	792.791	122.028	113.132	8.896
2007	63503	9785.831	8927.918	857.913	1.351	8.767	737.521	113.652	103.688	9.964
2008	63171	9922.524	8994.468	928.056	1.469	9.353	725.389	113.940	103.283	10.657
2009	59747	9483.598	8485.285	998.312	1.671	10.527	678.085	107.632	96.302	11.330

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225534.220	6948.329	0.421	2.989	1043.56	146.971	142.579	4.393

****

Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 6 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.114	13.284	0.040	0.419	448.353	43.041	42.860	0.180
1995	33730	3200.274	3179.203	21.071	0.062	0.658	450.946	42.785	42.504	0.282
1996	33750	3234.738	3208.805	25.934	0.077	0.802	445.180	42.668	42.326	0.342
1997	33699	3240.665	3214.510	26.154	0.078	0.807	438.271	42.146	41.806	0.340
1998	33274	3171.578	3127.930	43.648	0.131	1.376	426.640	40.666	40.106	0.560
1999	33891	3153.786	3086.899	66.888	0.197	2.121	428.694	39.893	39.047	0.846
2000	33827	3237.043	3150.252	86.791	0.257	2.681	422.514	40.432	39.348	1.084
2001	32506	3110.972	3001.581	109.391	0.337	3.516	401.468	38.422	37.071	1.351
2002	32078	3123.298	2997.797	125.501	0.391	4.018	392.210	38.188	36.653	1.534
2003	30568	3025.984	2882.345	143.639	0.470	4.747	370.127	36.640	34.900	1.739
2004	29388	2983.453	2798.978	184.475	0.628	6.183	352.147	35.750	33.539	2.211
2005	27954	2926.679	2717.879	208.800	0.747	7.134	331.111	34.666	32.193	2.473
2006	27201	2889.308	2644.712	244.596	0.899	8.466	319.236	33.909	31.039	2.871
2007	26302	2810.025	2528.511	281.514	1.070	10.018	305.470	32.636	29.366	3.269
2008	25998	2773.025	2478.136	294.888	1.134	10.634	298.534	31.843	28.456	3.386
2009	25040	2723.293	2397.319	325.974	1.302	11.970	284.186	30.907	27.208	3.700

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59078.988	2212.755	0.355	3.610	394.195	38.747	37.349	1.399

****

Main Results for E-Component Summarized over Simulations for Run: 6

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.824	3.052	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.182	11.223	0.038	0.084	397.803	179.248	179.098	0.150
1996	30900	14056.435	14072.934	-16.499	-0.053	-0.117	407.587	185.412	185.629	-0.218
1997	31128	14163.848	14174.575	-10.727	-0.034	-0.076	404.834	184.207	184.347	-0.140
1998	32096	14738.220	14726.962	11.258	0.035	0.076	411.536	188.974	188.830	0.144
1999	34616	15867.376	15851.284	16.092	0.046	0.101	437.865	200.710	200.506	0.204
2000	34299	15766.470	15720.889	45.580	0.133	0.289	428.409	196.930	196.361	0.569
2001	34592	16091.193	16035.758	55.435	0.160	0.345	427.231	198.736	198.051	0.685
2002	34291	16120.902	16073.023	47.879	0.140	0.297	419.268	197.106	196.521	0.585
2003	35074	16455.810	16340.835	114.975	0.328	0.699	424.687	199.252	197.860	1.392
2004	33512	15694.580	15516.051	178.529	0.533	1.138	401.564	188.063	185.924	2.139
2005	35392	16549.102	16306.341	242.761	0.686	1.467	419.213	196.022	193.146	2.875
2006	33981	15926.096	15551.097	375.000	1.104	2.355	398.807	186.912	182.511	4.401
2007	34000	15778.477	15326.601	451.876	1.329	2.864	394.875	183.251	178.002	5.248
2008	37425	17438.838	16905.147	533.691	1.426	3.060	429.749	200.249	194.121	6.128
2009	36826	17214.158	16574.445	639.713	1.737	3.716	417.948	195.368	188.108	7.260

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293924.954	2712.279	0.420	0.914	408.132	187.528	185.814	1.715

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	3
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 7, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 7, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		GUESSMRTP9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	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 CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 7, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76
Year of Follow-up: 1995, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67
Year of Follow-up: 2000, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42
Year of Follow-up: 2000, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2000, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00
Year of Follow-up: 2000, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84
Year of Follow-up: 2000, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90
Year of Follow-up: 2000, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85
Year of Follow-up: 2000, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26
Year of Follow-up: 2000, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85
Year of Follow-up: 2000, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 7, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2462.00	26.83	145.00	5.41			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	88.00	0.96					
5	All Ages	Former	2595.00	28.28			15.51	149.00	5.74

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 7 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	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	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.28			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	4.00	0.63					
5	50-54	Former	231.00	36.67			17.62	6.00	2.60
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	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.29			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	4.00	0.80					
5	65-69	Former	256.00	51.20			22.09	10.00	3.91
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2261.00	24.12	244.00	9.01			
10	All Ages	Current MRTP	267.00	2.85					
10	All Ages	Current Dual	181.00	1.93					
10	All Ages	Former	2593.00	27.66			17.23	164.00	6.32

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	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	17.00	28.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	249.00	25.99	11.00	3.46			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	26.00	2.71					
10	30-34	Former	141.00	14.72			8.05	13.00	9.22

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	21.00	5.85			
10	35-39	Current MRTP	29.00	2.70					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	27.00	8.52			
10	40-44	Current MRTP	23.00	2.12					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	208.00	24.21	29.00	12.03			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	310.00	36.09			17.16	7.00	2.26
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.14			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	7.00	1.11					
10	55-59	Former	247.00	39.21			20.34	8.00	3.24
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	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	32.00	26.67			
10	70-74	Current MRTP	13.00	2.60					
10	70-74	Current Dual	6.00	1.20					
10	70-74	Former	260.00	52.00			24.27	19.00	7.31
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			24.87	13.00	4.96
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	1983.00	22.21	307.00	12.07			
15	All Ages	Current MRTP	360.00	4.03					
15	All Ages	Current Dual	200.00	2.24					
15	All Ages	Former	2516.00	28.18			18.75	138.00	5.48
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.22	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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	16.00	17.98
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	490.00	51.15					
15	35-39	Current CC	226.00	23.59	22.00	7.24			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	164.00	17.12			10.74	16.00	9.76
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	27.00	8.33			
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			12.63	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	258.00	23.82	40.00	13.11			
15	45-49	Current MRTP	36.00	3.32					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	300.00	27.70			14.81	10.00	3.33
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	38.00	16.96			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	327.00	38.07			20.19	18.00	5.50
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.94	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	7.00	1.40					
15	75-79	Former	265.00	53.00			26.07	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1645.00	19.52	353.00	15.55			

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	403.00	4.78					
20	All Ages	Current Dual	222.00	2.63					
20	All Ages	Former	2437.00	28.92			19.80	142.00	5.83
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current 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	15.00	18.75
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	191.00	20.87	13.00	4.58			
20	35-39	Current MRTP	53.00	5.79					
20	35-39	Current Dual	40.00	4.37					
20	35-39	Former	116.00	12.68			8.73	15.00	12.93
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	200.00	20.88	26.00	9.12			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	183.00	19.10			13.63	10.00	5.46
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	249.00	23.18	35.00	11.55			
20	45-49	Current MRTP	36.00	3.35					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	283.00	26.35			15.67	15.00	5.30
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	478.00	44.14					
20	50-54	Current CC	217.00	20.04	49.00	17.56			
20	50-54	Current MRTP	48.00	4.43					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	326.00	30.10			17.52	14.00	4.29
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	37.00	15.88			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	334.00	34.33			21.27	13.00	3.89
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 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.51	17.00	5.01

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.87	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	35.16			
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	12.00	4.98

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.90	13.00	5.02

****

Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122931.050	338.167	0.108	0.274	4656.77	1841.55	1836.50	5.052
1994	305700	120480.723	119974.146	506.578	0.166	0.420	4482.57	1766.64	1759.22	7.428
1995	303225	118666.569	117920.505	746.064	0.246	0.629	4361.58	1706.89	1696.16	10.731
1996	299559	116607.195	115665.131	942.063	0.314	0.808	4242.85	1651.58	1638.24	13.343
1997	294226	114665.051	113580.196	1084.855	0.369	0.946	4100.64	1598.09	1582.97	15.120
1998	289258	113038.380	111725.170	1313.210	0.454	1.162	3966.28	1549.97	1531.96	18.007
1999	311002	117067.463	115289.729	1777.734	0.572	1.519	4198.14	1580.27	1556.27	23.997
2000	303786	114977.407	112980.696	1996.711	0.657	1.737	4041.13	1529.49	1502.93	26.561
2001	296294	113047.319	110873.364	2173.955	0.734	1.923	3890.54	1484.39	1455.84	28.545
2002	291898	111744.742	109360.037	2384.705	0.817	2.134	3789.34	1450.64	1419.68	30.958
2003	285865	110551.854	107941.895	2609.959	0.913	2.361	3671.31	1419.80	1386.28	33.519
2004	274177	107418.262	104750.304	2667.958	0.973	2.484	3481.92	1364.16	1330.28	33.882
2005	272379	107678.770	104818.869	2859.901	1.050	2.656	3417.44	1351.01	1315.13	35.882
2006	264118	104357.806	101430.330	2927.476	1.108	2.805	3281.83	1296.71	1260.33	36.376
2007	258419	102690.449	99628.463	3061.986	1.185	2.982	3176.05	1262.10	1224.47	37.633
2008	259461	103492.166	100026.216	3465.951	1.336	3.349	3150.91	1256.82	1214.73	42.091
2009	253907	101384.044	97637.630	3746.414	1.476	3.695	3045.20	1215.94	1171.01	44.932

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238458.539	34785.14	0.598	1.530	3927.78	1535.76	1512.26	23.500

****

Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62817.518	65.593	0.084	0.104	1173.36	939.428	938.448	0.980
1994	77437	61805.804	61704.597	101.207	0.131	0.164	1135.48	906.276	904.792	1.484
1995	76904	61145.799	60994.086	151.714	0.197	0.248	1106.18	879.519	877.336	2.182
1996	76232	60385.323	60194.988	190.334	0.250	0.315	1079.72	855.277	852.581	2.696
1997	75473	59549.806	59343.569	206.236	0.273	0.346	1051.87	829.947	827.073	2.874
1998	75381	59292.315	59005.732	286.583	0.380	0.483	1033.62	813.010	809.080	3.930
1999	73159	57398.351	57042.660	355.692	0.486	0.620	987.557	774.807	770.006	4.801
2000	73784	57716.549	57277.238	439.310	0.595	0.761	981.515	767.777	761.933	5.844
2001	73294	57211.877	56718.843	493.034	0.673	0.862	962.399	751.230	744.756	6.474
2002	72442	56438.810	55894.084	544.726	0.752	0.965	940.422	732.673	725.602	7.071
2003	71942	55948.341	55373.704	574.638	0.799	1.027	923.937	718.533	711.154	7.380
2004	71301	55339.218	54735.382	603.836	0.847	1.091	905.490	702.783	695.114	7.668
2005	70964	54964.459	54334.257	630.203	0.888	1.147	890.360	689.620	681.713	7.907
2006	69658	53781.526	53147.436	634.090	0.910	1.179	865.543	668.268	660.389	7.879
2007	68565	52784.985	52126.476	658.509	0.960	1.248	842.687	648.745	640.652	8.093
2008	68226	52470.692	51702.746	767.946	1.126	1.464	828.542	637.208	627.882	9.326
2009	67509	51823.021	50981.498	841.523	1.247	1.624	809.661	621.533	611.441	10.093

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152403.264	7585.265	0.514	0.654	997.213	783.665	778.541	5.124

****

Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35254.121	205.679	0.125	0.580	2455.45	529.744	526.671	3.073
1994	159866	34293.631	33996.637	296.995	0.186	0.866	2344.16	502.857	498.503	4.355
1995	158083	33531.695	33103.895	427.799	0.271	1.276	2273.86	482.318	476.165	6.153
1996	154875	32438.163	31901.370	536.793	0.347	1.655	2193.60	459.443	451.840	7.603
1997	149970	31179.663	30552.024	627.639	0.419	2.013	2090.14	434.552	425.804	8.747
1998	145407	29860.736	29156.794	703.942	0.484	2.357	1993.81	409.447	399.795	9.652
1999	165952	34413.904	33421.486	992.418	0.598	2.884	2240.15	464.545	451.149	13.396
2000	160260	33265.290	32200.856	1064.434	0.664	3.200	2131.87	442.513	428.353	14.160
2001	154444	32074.102	30930.135	1143.966	0.741	3.567	2027.95	421.154	406.133	15.021
2002	151887	31817.956	30569.683	1248.274	0.822	3.923	1971.76	413.052	396.847	16.205
2003	146733	31025.931	29620.508	1405.423	0.958	4.530	1884.46	398.460	380.410	18.050
2004	138381	29503.602	28061.638	1441.964	1.042	4.887	1757.38	374.682	356.370	18.312
2005	135881	29077.894	27528.219	1549.675	1.140	5.329	1704.85	364.830	345.387	19.443
2006	131922	28385.448	26750.795	1634.653	1.239	5.759	1639.21	352.707	332.395	20.312
2007	126502	27327.625	25617.104	1710.521	1.352	6.259	1554.75	335.866	314.843	21.023
2008	125859	27025.472	25160.114	1865.358	1.482	6.902	1528.44	328.199	305.546	22.653
2009	122428	26361.626	24346.283	2015.342	1.646	7.645	1468.33	316.165	291.994	24.171

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619376.583	18980.09	0.633	2.973	2024.64	431.261	418.438	12.823

****

Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 7 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.505	34.631	0.105	0.785	491.442	65.944	65.427	0.517
1994	33323	4474.895	4420.917	53.979	0.162	1.206	488.625	65.617	64.825	0.792
1995	33569	4476.290	4394.915	81.375	0.242	1.818	482.855	64.387	63.216	1.170
1996	33870	4489.078	4380.862	108.217	0.320	2.411	479.723	63.582	62.049	1.533
1997	33516	4444.866	4308.338	136.528	0.407	3.072	467.113	61.948	60.045	1.903
1998	32795	4313.427	4174.531	138.896	0.424	3.220	449.682	59.145	57.241	1.905
1999	33375	4232.739	4070.132	162.606	0.487	3.842	450.521	57.137	54.942	2.195
2000	33459	4307.577	4137.336	170.241	0.509	3.952	445.090	57.302	55.037	2.265
2001	32275	4136.308	3966.001	170.307	0.528	4.117	423.792	54.312	52.076	2.236
2002	31586	4079.175	3903.647	175.528	0.556	4.303	410.041	52.955	50.676	2.279
2003	30985	4096.221	3881.571	214.650	0.693	5.240	397.934	52.607	49.850	2.757
2004	29884	4034.217	3813.868	220.349	0.737	5.462	379.513	51.233	48.434	2.798
2005	28708	3944.303	3715.026	229.277	0.799	5.813	360.189	49.488	46.611	2.877
2006	28188	3970.169	3718.749	251.420	0.892	6.333	350.253	49.332	46.208	3.124
2007	28026	3957.558	3681.973	275.585	0.983	6.964	344.449	48.640	45.253	3.387
2008	27128	3812.302	3535.303	276.998	1.021	7.266	329.444	46.297	42.933	3.364
2009	27068	3827.467	3511.864	315.603	1.166	8.246	324.637	45.904	42.119	3.785

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81427.422	3030.081	0.482	3.588	424.421	57.058	55.011	2.047

****

Main Results for E-Component Summarized over Simulations for Run: 7

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.905	32.264	0.090	0.157	536.514	306.437	305.955	0.482
1994	35074	19906.392	19851.995	54.397	0.155	0.273	514.300	291.893	291.096	0.798
1995	34669	19512.784	19427.608	85.176	0.246	0.437	498.677	280.671	279.446	1.225
1996	34582	19294.631	19187.911	106.720	0.309	0.553	489.808	273.283	271.771	1.512
1997	35267	19490.717	19376.265	114.452	0.325	0.587	491.517	271.643	270.047	1.595
1998	35675	19571.902	19388.113	183.789	0.515	0.939	489.172	268.368	265.848	2.520
1999	38516	21022.469	20755.451	267.018	0.693	1.270	519.919	283.777	280.173	3.604
2000	36283	19687.992	19365.265	322.726	0.889	1.639	482.656	261.900	257.607	4.293
2001	36281	19625.032	19258.384	366.648	1.011	1.868	476.394	257.690	252.875	4.814
2002	35983	19408.801	18992.623	416.177	1.157	2.144	467.122	251.960	246.557	5.403
2003	36205	19481.360	19066.112	415.248	1.147	2.132	464.974	250.195	244.862	5.333
2004	34611	18541.224	18139.416	401.809	1.161	2.167	439.544	235.465	230.362	5.103
2005	36826	19692.114	19241.367	450.747	1.224	2.289	462.043	247.070	241.415	5.655
2006	34350	18220.663	17813.349	407.314	1.186	2.235	426.820	226.403	221.342	5.061
2007	35326	18620.282	18202.911	417.371	1.181	2.241	434.168	228.849	223.720	5.130
2008	38248	20183.701	19628.053	555.648	1.453	2.753	464.487	245.112	238.365	6.748
2009	36902	19371.930	18797.985	573.945	1.555	2.963	442.580	232.335	225.451	6.884

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385251.270	5189.703	0.728	1.329	481.512	263.774	260.268	3.506

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	3
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
35. Results file for P-Component	NA
36. Results file for E-Component	NA
37. Components required	PE
38. Results file for P to be used in E-Component	-
39. STP factor 4	0
40. Definition of short-term MRTP	2

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STP values for Run: 8, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

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STP values for Run: 8, Scenario: STP_MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Assumption Set	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 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 8, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 8, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2022.00	22.27	116.00	5.27			
5	All Ages	Current MRTP	111.00	1.22					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1992.00	21.94			14.74	111.00	5.57

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 8 (APPENDIX_5_Varying_STP_Factor_1_4.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	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.47			
5	55-59	Current MRTP	6.00	1.12					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	155.00	28.97			15.08	5.00	3.23
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	107.00	19.96	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1855.00	20.36	189.00	8.58			
10	All Ages	Current MRTP	227.00	2.49					
10	All Ages	Current Dual	122.00	1.34					
10	All Ages	Former	2007.00	22.03			16.25	107.00	5.33

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	137.00	16.85	0.00	0.00			
10	20-24	Current MRTP	28.00	3.44					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	19.00	2.34			2.53	6.00	31.58

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.86			
10	25-29	Current MRTP	34.00	4.03					
10	25-29	Current Dual	25.00	2.96					
10	25-29	Former	52.00	6.16			4.96	12.00	23.08

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	14.00	6.09			
10	30-34	Current MRTP	26.00	3.13					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	160.00	19.25			8.90	11.00	6.88

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	26.00	8.81			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	18.00	1.80					
10	35-39	Former	194.00	19.42			11.28	8.00	4.12

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	18.00	6.25			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	7.00	0.62					
10	40-44	Former	273.00	24.33			11.41	17.00	6.23

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	21.00	10.10			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	265.00	27.32			15.31	7.00	2.64

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	154.00	18.99	20.00	11.36			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	213.00	26.26			14.76	8.00	3.76
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.08			
10	60-64	Current MRTP	11.00	2.06					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	164.00	30.65			18.35	6.00	3.66
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	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	86.00	16.04	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1562.00	18.23	239.00	11.87			
15	All Ages	Current MRTP	288.00	3.36					
15	All Ages	Current Dual	163.00	1.90					
15	All Ages	Former	2034.00	23.73			17.36	128.00	6.29
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	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.30			
15	30-34	Current MRTP	54.00	6.40					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.67	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	160.00	19.25	23.00	11.00			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	188.00	22.62			11.66	12.00	6.38
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	223.00	22.32	34.00	12.36			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	214.00	21.42			14.27	9.00	4.21
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	25.00	9.26			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	12.00	1.07					
15	45-49	Former	291.00	25.94			14.90	14.00	4.81
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	30.00	16.04			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	11.00	1.13					
15	50-54	Former	286.00	29.48			18.06	13.00	4.55
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	26.00	16.25			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	229.00	28.24			17.66	12.00	5.24
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.63			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	197.00	31.72			20.30	7.00	3.55
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.39	8.00	4.68
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	70.00	13.06	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1307.00	16.27	261.00	14.70			

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	305.00	3.80					
20	All Ages	Current Dual	164.00	2.04					
20	All Ages	Former	2032.00	25.29			18.85	122.00	6.00
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	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	13.00	20.31
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	11.00	4.35			
20	35-39	Current MRTP	60.00	7.11					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	113.00	13.39			8.48	17.00	15.04
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	27.00	14.21			
20	40-44	Current MRTP	34.00	4.09					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	207.00	24.91			14.99	6.00	2.90
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	201.00	20.12	38.00	15.02			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	23.00	2.30					
20	45-49	Former	236.00	23.62			16.90	9.00	3.81
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	561.00	50.00					
20	50-54	Current CC	200.00	17.83	33.00	13.36			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	314.00	27.99			17.70	16.00	5.10
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	35.00	20.96			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	9.00	0.93					
20	55-59	Former	306.00	31.55			20.64	14.00	4.58
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.67			
20	60-64	Current MRTP	27.00	3.33					

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.50	11.00	4.60

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.35			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	207.00	33.33			23.09	9.00	4.35

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.81	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.245	74.994	0.037	0.120	2725.82	851.622	850.603	1.019
1995	201023	63132.954	63013.566	119.388	0.059	0.189	2687.54	844.043	842.447	1.596
1996	201180	64309.880	64224.811	85.069	0.042	0.132	2653.67	848.280	847.158	1.122
1997	198639	64547.894	64424.662	123.231	0.062	0.191	2583.39	839.475	837.872	1.603
1998	197573	65384.866	65139.541	245.325	0.124	0.375	2533.29	838.367	835.221	3.146
1999	211329	67554.762	67163.960	390.802	0.185	0.578	2673.14	854.513	849.570	4.943
2000	208496	68184.366	67678.667	505.699	0.243	0.742	2604.20	851.652	845.335	6.316
2001	203606	68286.060	67635.987	650.073	0.319	0.952	2514.65	843.372	835.344	8.029
2002	200828	68983.996	68263.625	720.371	0.359	1.044	2455.47	843.450	834.642	8.808
2003	196352	68717.830	67773.817	944.013	0.481	1.374	2377.49	832.057	820.627	11.430
2004	188160	67344.952	66083.215	1261.736	0.671	1.874	2254.66	806.974	791.855	15.119
2005	186416	67846.650	66366.804	1479.846	0.794	2.181	2208.07	803.634	786.105	17.529
2006	180088	66622.465	64675.839	1946.625	1.081	2.922	2113.55	781.893	759.048	22.846
2007	175644	65977.201	63690.969	2286.232	1.302	3.465	2039.92	766.256	739.704	26.552
2008	177570	67121.344	64634.109	2487.234	1.401	3.706	2039.03	770.751	742.190	28.561
2009	172806	66622.993	63780.444	2842.549	1.645	4.267	1961.22	756.123	723.862	32.261

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1286076.591	16239.77	0.416	1.247	2465.77	823.300	813.034	10.266

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Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.334	12.054	0.026	0.035	638.697	461.725	461.561	0.164
1995	47840	34566.580	34544.824	21.756	0.045	0.063	639.587	462.131	461.840	0.291
1996	48244	34997.958	34995.442	2.515	0.005	0.007	636.363	461.641	461.608	0.033
1997	49035	35549.658	35536.062	13.596	0.028	0.038	637.723	462.340	462.163	0.177
1998	49686	36138.033	36094.109	43.925	0.088	0.122	637.076	463.363	462.800	0.563
1999	48883	35506.142	35440.729	65.413	0.134	0.184	618.331	449.124	448.297	0.827
2000	50331	36573.306	36471.246	102.060	0.203	0.279	628.656	456.816	455.541	1.275
2001	50389	36733.445	36597.371	136.074	0.270	0.370	622.333	453.679	451.999	1.681
2002	51445	37627.700	37463.157	164.543	0.320	0.437	629.005	460.065	458.053	2.012
2003	51408	37552.784	37313.368	239.416	0.466	0.638	622.464	454.701	451.802	2.899
2004	51399	37527.823	37184.760	343.064	0.667	0.914	615.898	449.684	445.573	4.111
2005	51421	37486.186	37085.957	400.229	0.778	1.068	609.074	444.018	439.278	4.741
2006	51355	37409.496	36833.330	576.166	1.122	1.540	602.712	439.045	432.283	6.762
2007	51839	37602.867	36900.848	702.019	1.354	1.867	602.056	436.718	428.565	8.153
2008	50976	36986.957	36249.278	737.679	1.447	1.994	585.355	424.719	416.249	8.471
2009	51193	37201.944	36316.543	885.401	1.730	2.380	581.003	422.215	412.166	10.049

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707440.615	4464.224	0.455	0.627	619.890	450.053	447.231	2.822

****

Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12081.973	46.603	0.051	0.384	1233.90	164.759	164.126	0.633
1995	89698	11958.696	11893.015	65.681	0.073	0.549	1199.20	159.879	159.001	0.878
1996	88286	12020.749	11946.463	74.286	0.084	0.618	1164.54	158.560	157.580	0.980
1997	84777	11593.724	11497.962	95.762	0.113	0.826	1102.56	150.782	149.536	1.245
1998	82517	11337.035	11188.466	148.569	0.180	1.310	1058.04	145.364	143.459	1.905
1999	93939	13027.458	12782.399	245.058	0.261	1.881	1188.25	164.787	161.687	3.100
2000	90039	12607.547	12333.226	274.322	0.305	2.176	1124.63	157.474	154.047	3.426
2001	86119	12350.451	11997.330	353.121	0.410	2.859	1063.62	152.535	148.174	4.361
2002	83014	12112.097	11725.421	386.676	0.466	3.192	1014.99	148.092	143.364	4.728
2003	79302	11683.252	11232.306	450.946	0.569	3.860	960.214	141.465	136.004	5.460
2004	73861	11139.095	10578.106	560.989	0.760	5.036	885.053	133.476	126.754	6.722
2005	71649	10884.683	10250.723	633.960	0.885	5.824	848.672	128.927	121.418	7.509
2006	67551	10397.565	9644.570	752.995	1.115	7.242	792.791	122.028	113.190	8.837
2007	63503	9785.831	8932.768	853.064	1.343	8.717	737.521	113.652	103.745	9.907
2008	63171	9922.524	8999.244	923.280	1.462	9.305	725.389	113.940	103.338	10.602
2009	59747	9483.598	8489.792	993.805	1.663	10.479	678.085	107.632	96.353	11.279

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225587.810	6894.739	0.418	2.966	1043.56	146.971	142.612	4.359

****

Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 8 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.114	13.284	0.040	0.419	448.353	43.041	42.860	0.180
1995	33730	3200.274	3179.355	20.919	0.062	0.654	450.946	42.785	42.506	0.280
1996	33750	3234.738	3209.307	25.432	0.075	0.786	445.180	42.668	42.332	0.335
1997	33699	3240.665	3215.202	25.463	0.076	0.786	438.271	42.146	41.815	0.331
1998	33274	3171.578	3128.773	42.805	0.129	1.350	426.640	40.666	40.117	0.549
1999	33891	3153.786	3087.906	65.880	0.194	2.089	428.694	39.893	39.060	0.833
2000	33827	3237.043	3151.459	85.584	0.253	2.644	422.514	40.432	39.363	1.069
2001	32506	3110.972	3002.316	108.656	0.334	3.493	401.468	38.422	37.080	1.342
2002	32078	3123.298	2998.716	124.582	0.388	3.989	392.210	38.188	36.665	1.523
2003	30568	3025.984	2883.394	142.590	0.466	4.712	370.127	36.640	34.913	1.727
2004	29388	2983.453	2800.118	183.336	0.624	6.145	352.147	35.750	33.553	2.197
2005	27954	2926.679	2719.166	207.513	0.742	7.090	331.111	34.666	32.208	2.458
2006	27201	2889.308	2646.041	243.267	0.894	8.420	319.236	33.909	31.054	2.855
2007	26302	2810.025	2529.885	280.140	1.065	9.969	305.470	32.636	29.382	3.254
2008	25998	2773.025	2479.467	293.557	1.129	10.586	298.534	31.843	28.472	3.371
2009	25040	2723.293	2398.576	324.717	1.297	11.924	284.186	30.907	27.222	3.685

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59093.812	2197.931	0.352	3.586	394.195	38.747	37.358	1.389

****

Main Results for E-Component Summarized over Simulations for Run: 8

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.824	3.052	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.373	11.032	0.037	0.082	397.803	179.248	179.100	0.147
1996	30900	14056.435	14073.598	-17.163	-0.056	-0.122	407.587	185.412	185.638	-0.226
1997	31128	14163.848	14175.436	-11.588	-0.037	-0.082	404.834	184.207	184.358	-0.151
1998	32096	14738.220	14728.194	10.026	0.031	0.068	411.536	188.974	188.845	0.129
1999	34616	15867.376	15852.926	14.450	0.042	0.091	437.865	200.710	200.527	0.183
2000	34299	15766.470	15722.737	43.733	0.128	0.277	428.409	196.930	196.384	0.546
2001	34592	16091.193	16038.970	52.223	0.151	0.325	427.231	198.736	198.091	0.645
2002	34291	16120.902	16076.331	44.570	0.130	0.276	419.268	197.106	196.561	0.545
2003	35074	16455.810	16344.748	111.062	0.317	0.675	424.687	199.252	197.907	1.345
2004	33512	15694.580	15520.232	174.348	0.520	1.111	401.564	188.063	185.974	2.089
2005	35392	16549.102	16310.959	238.143	0.673	1.439	419.213	196.022	193.201	2.821
2006	33981	15926.096	15551.898	374.198	1.101	2.350	398.807	186.912	182.520	4.392
2007	34000	15778.477	15327.469	451.008	1.326	2.858	394.875	183.251	178.013	5.238
2008	37425	17438.838	16906.120	532.718	1.423	3.055	429.749	200.249	194.132	6.117
2009	36826	17214.158	16575.533	638.625	1.734	3.710	417.948	195.368	188.120	7.248

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293954.354	2682.879	0.416	0.904	408.132	187.528	185.832	1.696

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	0.5
40. Definition of short-term MRTP	2

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STP values for Run: 9, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 9, Scenario: STP_MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSMRTP9

		Initiation	Switch from Current CC					Re-initiation		
Age	Period	Never Curr CC	Never Curr Mrtp	Never Curr Dual	Curr CC Curr Mrtp	Curr CC Curr Dual	Curr CC Former	Former Curr CC	Former Curr Mrtp	Former Curr Dual
10-14	1-24	0.001840	0.000080	0.000080	0.000150	0.000030	0.000500	0.000144	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 CC	Curr Mrtp Curr Dual	Curr Mrtp Former	Curr Dual Curr CC	Curr Dual Curr Mrtp	Curr Dual Former
10-14	1-24	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	1-24	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	1-24	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	1-24	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	1-24	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	1-24	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	1-24	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000
10-14	25+	0.000400	0.000400	0.000500	0.000400	0.000400	0.000500
15-19	25+	0.000400	0.000400	0.001500	0.000400	0.000400	0.001500
20-24	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
25-29	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
30-34	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
35-39	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
40-44	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
45-49	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
50-54	25+	0.000400	0.000400	0.002000	0.000400	0.000400	0.002000
55-59	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
60-64	25+	0.000400	0.000400	0.002500	0.000400	0.000400	0.002500
65-69	25+	0.000400	0.000400	0.003000	0.000400	0.000400	0.003000
70-74	25+	0.000400	0.000400	0.003500	0.000400	0.000400	0.003500
75-79	25+	0.000400	0.000400	0.004000	0.000400	0.000400	0.004000

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 9, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 9, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2463.00	26.84	145.00	5.41			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	86.00	0.94					
5	All Ages	Former	2596.00	28.29			15.51	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 9 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.29			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2261.00	24.12	242.00	8.95			
10	All Ages	Current MRTP	265.00	2.83					
10	All Ages	Current Dual	177.00	1.89					
10	All Ages	Former	2599.00	27.72			17.20	165.00	6.35

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 CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	5.00	1.66			
10	25-29	Current MRTP	26.00	2.84					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	61.00	6.67			4.79	18.00	29.51

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	248.00	25.89	10.00	3.17			
10	30-34	Current MRTP	42.00	4.38					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	144.00	15.03			7.94	14.00	9.72

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	20.00	5.56			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	14.00	1.30					
10	35-39	Former	226.00	21.04			9.98	13.00	5.75

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	28.00	8.83			
10	40-44	Current MRTP	22.00	2.03					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.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	20.00	2.33					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.11	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.33			
10	65-69	Current MRTP	15.00	2.91					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	255.00	49.51			21.63	16.00	6.27
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1984.00	22.22	304.00	11.97			
15	All Ages	Current MRTP	351.00	3.93					
15	All Ages	Current Dual	204.00	2.29					
15	All Ages	Former	2520.00	28.23			18.74	137.00	5.44
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.71			
15	25-29	Current MRTP	56.00	6.25					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	48.00	5.36			4.10	11.00	22.92
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 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	219.00	23.93	11.00	3.65			
15	30-34	Current MRTP	41.00	4.48					
15	30-34	Current Dual	41.00	4.48					
15	30-34	Former	89.00	9.73			6.71	15.00	16.85
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	226.00	23.59	22.00	7.28			
15	35-39	Current MRTP	44.00	4.59					
15	35-39	Current Dual	32.00	3.34					
15	35-39	Former	166.00	17.33			10.75	14.00	8.43
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	7.98			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	17.00	1.58					
15	40-44	Former	260.00	24.21			12.70	15.00	5.77
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	259.00	23.92	40.00	13.11			
15	45-49	Current MRTP	35.00	3.23					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	300.00	27.70			14.79	11.00	3.67
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.80			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	317.00	32.58			18.41	13.00	4.10
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	182.00	21.19	37.00	16.59			
15	55-59	Current MRTP	29.00	3.38					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	328.00	38.18			20.15	18.00	5.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.13			
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			22.89	12.00	4.71
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	21.97			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	237.00	45.23			22.66	9.00	3.80
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	21.00	4.08					
15	70-74	Current Dual	11.00	2.14					
15	70-74	Former	255.00	49.51			24.84	8.00	3.14
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1646.00	19.53	349.00	15.41			

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	390.00	4.63					
20	All Ages	Current Dual	229.00	2.72					
20	All Ages	Former	2442.00	28.98			19.79	141.00	5.77
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	162.00	18.08	6.00	2.26			
20	30-34	Current MRTP	55.00	6.14					
20	30-34	Current Dual	48.00	5.36					
20	30-34	Former	84.00	9.38			6.01	15.00	17.86
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	13.00	4.56			
20	35-39	Current MRTP	52.00	5.68					
20	35-39	Current Dual	43.00	4.70					
20	35-39	Former	115.00	12.57			8.85	14.00	12.17
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	201.00	20.98	26.00	9.19			
20	40-44	Current MRTP	47.00	4.91					
20	40-44	Current Dual	35.00	3.65					
20	40-44	Former	185.00	19.31			13.65	11.00	5.95
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	249.00	23.18	34.00	11.11			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	20.00	1.86					
20	45-49	Former	280.00	26.07			15.77	15.00	5.36
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	218.00	20.13	50.00	17.86			
20	50-54	Current MRTP	46.00	4.25					
20	50-54	Current Dual	16.00	1.48					
20	50-54	Former	325.00	30.01			17.55	13.00	4.00
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	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			21.15	14.00	4.17
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 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.54	16.00	4.72

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.71			
20	65-69	Current MRTP	36.00	5.71					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	277.00	43.97			23.84	18.00	6.50

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	24.00	4.58					
20	70-74	Current Dual	10.00	1.91					
20	70-74	Former	241.00	45.99			25.25	12.00	4.98

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	50.00	43.86			
20	75-79	Current MRTP	27.00	5.24					
20	75-79	Current Dual	19.00	3.69					
20	75-79	Former	260.00	50.49			25.84	13.00	5.00

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Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.925	342.291	0.110	0.278	4656.77	1841.55	1836.44	5.114
1994	305700	120480.723	119966.754	513.969	0.168	0.427	4482.57	1766.64	1759.11	7.536
1995	303225	118666.569	117910.616	755.953	0.249	0.637	4361.58	1706.89	1696.02	10.874
1996	299559	116607.195	115648.789	958.406	0.320	0.822	4242.85	1651.58	1638.01	13.575
1997	294226	114665.051	113557.474	1107.577	0.376	0.966	4100.64	1598.09	1582.65	15.436
1998	289258	113038.380	111698.157	1340.224	0.463	1.186	3966.28	1549.97	1531.59	18.377
1999	311002	117067.463	115253.948	1813.514	0.583	1.549	4198.14	1580.27	1555.79	24.480
2000	303786	114977.407	112944.368	2033.040	0.669	1.768	4041.13	1529.49	1502.45	27.045
2001	296294	113047.319	110839.613	2207.706	0.745	1.953	3890.54	1484.39	1455.40	28.989
2002	291898	111744.742	109322.175	2422.566	0.830	2.168	3789.34	1450.64	1419.19	31.449
2003	285865	110551.854	107908.040	2643.814	0.925	2.391	3671.31	1419.80	1385.84	33.954
2004	274177	107418.262	104720.804	2697.458	0.984	2.511	3481.92	1364.16	1329.91	34.256
2005	272379	107678.770	104794.713	2884.057	1.059	2.678	3417.44	1351.01	1314.82	36.185
2006	264118	104357.806	101423.060	2934.746	1.111	2.812	3281.83	1296.71	1260.24	36.466
2007	258419	102690.449	99609.970	3080.479	1.192	3.000	3176.05	1262.10	1224.24	37.860
2008	259461	103492.166	100012.070	3480.096	1.341	3.363	3150.91	1256.82	1214.55	42.263
2009	253907	101384.044	97646.696	3737.347	1.472	3.686	3045.20	1215.94	1171.11	44.823

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238108.982	35134.70	0.604	1.546	3927.78	1535.76	1512.02	23.736

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Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.726	66.386	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.132	102.672	0.133	0.166	1135.48	906.276	904.771	1.506
1995	76904	61145.799	60992.147	153.653	0.200	0.251	1106.18	879.519	877.308	2.210
1996	76232	60385.323	60191.727	193.595	0.254	0.321	1079.72	855.277	852.535	2.742
1997	75473	59549.806	59338.855	210.950	0.280	0.354	1051.87	829.947	827.007	2.940
1998	75381	59292.315	58999.866	292.449	0.388	0.493	1033.62	813.010	809.000	4.010
1999	73159	57398.351	57035.753	362.599	0.496	0.632	987.557	774.807	769.913	4.895
2000	73784	57716.549	57270.006	446.543	0.605	0.774	981.515	767.777	761.837	5.940
2001	73294	57211.877	56709.953	501.924	0.685	0.877	962.399	751.230	744.639	6.591
2002	72442	56438.810	55884.362	554.448	0.765	0.982	940.422	732.673	725.476	7.198
2003	71942	55948.341	55364.366	583.976	0.812	1.044	923.937	718.533	711.034	7.500
2004	71301	55339.218	54725.449	613.769	0.861	1.109	905.490	702.783	694.988	7.795
2005	70964	54964.459	54325.323	639.136	0.901	1.163	890.360	689.620	681.601	8.019
2006	69658	53781.526	53143.974	637.552	0.915	1.185	865.543	668.268	660.346	7.922
2007	68565	52784.985	52120.059	664.925	0.970	1.260	842.687	648.745	640.573	8.172
2008	68226	52470.692	51696.503	774.190	1.135	1.475	828.542	637.208	627.806	9.402
2009	67509	51823.021	50981.087	841.934	1.247	1.625	809.661	621.533	611.436	10.098

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152307.737	7680.791	0.520	0.662	997.213	783.665	778.476	5.189

****

Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.568	208.232	0.127	0.587	2455.45	529.744	526.633	3.111
1994	159866	34293.631	33992.130	301.502	0.189	0.879	2344.16	502.857	498.436	4.421
1995	158083	33531.695	33097.815	433.880	0.274	1.294	2273.86	482.318	476.078	6.241
1996	154875	32438.163	31892.130	546.033	0.353	1.683	2193.60	459.443	451.709	7.734
1997	149970	31179.663	30539.521	640.142	0.427	2.053	2090.14	434.552	425.630	8.922
1998	145407	29860.736	29142.112	718.624	0.494	2.407	1993.81	409.447	399.594	9.854
1999	165952	34413.904	33401.234	1012.670	0.610	2.943	2240.15	464.545	450.876	13.670
2000	160260	33265.290	32180.428	1084.862	0.677	3.261	2131.87	442.513	428.081	14.431
2001	154444	32074.102	30914.790	1159.311	0.751	3.614	2027.95	421.154	405.932	15.223
2002	151887	31817.956	30552.049	1265.908	0.833	3.979	1971.76	413.052	396.618	16.434
2003	146733	31025.931	29606.304	1419.627	0.967	4.576	1884.46	398.460	380.228	18.232
2004	138381	29503.602	28052.092	1451.510	1.049	4.920	1757.38	374.682	356.249	18.434
2005	135881	29077.894	27522.534	1555.360	1.145	5.349	1704.85	364.830	345.316	19.515
2006	131922	28385.448	26750.487	1634.960	1.239	5.760	1639.21	352.707	332.391	20.315
2007	126502	27327.625	25611.175	1716.451	1.357	6.281	1554.75	335.866	314.770	21.096
2008	125859	27025.472	25158.631	1866.841	1.483	6.908	1528.44	328.199	305.528	22.671
2009	122428	26361.626	24355.247	2006.379	1.639	7.611	1468.33	316.165	292.102	24.063

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619225.167	19131.51	0.638	2.997	2024.64	431.261	418.336	12.925

****

Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 9 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.083	35.054	0.107	0.794	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.149	54.747	0.164	1.223	488.625	65.617	64.814	0.803
1995	33569	4476.290	4393.901	82.389	0.245	1.841	482.855	64.387	63.202	1.185
1996	33870	4489.078	4378.907	110.171	0.325	2.454	479.723	63.582	62.021	1.560
1997	33516	4444.866	4305.632	139.234	0.415	3.132	467.113	61.948	60.008	1.941
1998	32795	4313.427	4171.499	141.928	0.433	3.290	449.682	59.145	57.199	1.946
1999	33375	4232.739	4066.310	166.428	0.499	3.932	450.521	57.137	54.890	2.247
2000	33459	4307.577	4133.167	174.410	0.521	4.049	445.090	57.302	54.982	2.320
2001	32275	4136.308	3963.315	172.993	0.536	4.182	423.792	54.312	52.041	2.272
2002	31586	4079.175	3900.338	178.836	0.566	4.384	410.041	52.955	50.633	2.322
2003	30985	4096.221	3878.715	217.506	0.702	5.310	397.934	52.607	49.814	2.793
2004	29884	4034.217	3812.594	221.623	0.742	5.494	379.513	51.233	48.418	2.815
2005	28708	3944.303	3714.302	230.000	0.801	5.831	360.189	49.488	46.602	2.886
2006	28188	3970.169	3718.685	251.485	0.892	6.334	350.253	49.332	46.207	3.125
2007	28026	3957.558	3681.390	276.168	0.985	6.978	344.449	48.640	45.246	3.394
2008	27128	3812.302	3535.300	277.002	1.021	7.266	329.444	46.297	42.933	3.364
2009	27068	3827.467	3513.102	314.365	1.161	8.213	324.637	45.904	42.134	3.770

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81399.274	3058.229	0.487	3.621	424.421	57.058	54.992	2.066

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Main Results for E-Component Summarized over Simulations for Run: 9

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.549	32.620	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.344	55.049	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.754	86.031	0.248	0.441	498.677	280.671	279.434	1.237
1996	34582	19294.631	19186.024	108.606	0.314	0.563	489.808	273.283	271.744	1.538
1997	35267	19490.717	19373.465	117.251	0.332	0.602	491.517	271.643	270.008	1.634
1998	35675	19571.902	19384.679	187.223	0.525	0.957	489.172	268.368	265.801	2.567
1999	38516	21022.469	20750.651	271.817	0.706	1.293	519.919	283.777	280.108	3.669
2000	36283	19687.992	19360.766	327.226	0.902	1.662	482.656	261.900	257.547	4.353
2001	36281	19625.032	19251.554	373.478	1.029	1.903	476.394	257.690	252.786	4.904
2002	35983	19408.801	18985.427	423.374	1.177	2.181	467.122	251.960	246.464	5.496
2003	36205	19481.360	19058.654	422.706	1.168	2.170	464.974	250.195	244.767	5.429
2004	34611	18541.224	18130.670	410.555	1.186	2.214	439.544	235.465	230.251	5.214
2005	36826	19692.114	19232.553	459.561	1.248	2.334	462.043	247.070	241.304	5.766
2006	34350	18220.663	17809.914	410.749	1.196	2.254	426.820	226.403	221.299	5.104
2007	35326	18620.282	18197.346	422.935	1.197	2.271	434.168	228.849	223.651	5.198
2008	38248	20183.701	19621.636	562.065	1.470	2.785	464.487	245.112	238.287	6.826
2009	36902	19371.930	18797.260	574.670	1.557	2.967	442.580	232.335	225.443	6.892

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385176.803	5264.171	0.739	1.348	481.512	263.774	260.218	3.556

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	0.5
40. Definition of short-term MRTP	2

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STP values for Run: 10, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 10, Scenario: STP_MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	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 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 10, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 10, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	115.00	5.22			
5	All Ages	Current MRTP	110.00	1.21					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1993.00	21.95			14.73	112.00	5.62

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 10 (APPENDIX_5_Varying_STP_Factor_1_4.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	1.17			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	8.00	4.35			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1854.00	20.35	186.00	8.45			
10	All Ages	Current MRTP	225.00	2.47					
10	All Ages	Current Dual	122.00	1.34					
10	All Ages	Former	2010.00	22.07			16.23	109.00	5.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	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	29.00	3.57					
10	20-24	Former	18.00	2.21			2.61	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.87			
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			4.96	12.00	22.64

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	188.00	22.62	13.00	5.65			
10	30-34	Current MRTP	25.00	3.01					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	160.00	19.25			8.89	12.00	7.50

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	18.00	6.27			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.86			
10	50-54	Current MRTP	17.00	2.10					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	214.00	26.39			14.72	8.00	3.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1561.00	18.21	237.00	11.79			
15	All Ages	Current MRTP	284.00	3.31					
15	All Ages	Current Dual	165.00	1.93					
15	All Ages	Former	2037.00	23.77			17.34	127.00	6.23
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			3.95	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.30			
15	30-34	Current MRTP	53.00	6.28					
15	30-34	Current Dual	32.00	3.79					
15	30-34	Former	81.00	9.60			6.75	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	161.00	19.37	22.00	10.53			
15	35-39	Current MRTP	30.00	3.61					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	188.00	22.62			11.65	12.00	6.38
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.41			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	215.00	21.52			14.24	9.00	4.19
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	25.00	9.26			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	12.00	1.07					
15	45-49	Former	291.00	25.94			14.92	13.00	4.47
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	15.68			
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			17.96	13.00	4.51
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	26.00	16.25			
15	55-59	Current MRTP	18.00	2.22					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.70	11.00	4.80
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.12			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	6.00	1.12					
15	65-69	Former	170.00	31.78			21.45	8.00	4.71
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1311.00	16.32	260.00	14.64			

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	297.00	3.70					
20	All Ages	Current Dual	168.00	2.09					
20	All Ages	Former	2032.00	25.29			18.87	118.00	5.81
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	140.00	17.22	4.00	1.75			
20	30-34	Current MRTP	48.00	5.90					
20	30-34	Current Dual	40.00	4.92					
20	30-34	Former	64.00	7.87			5.78	13.00	20.31
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	161.00	19.08	11.00	4.33			
20	35-39	Current MRTP	59.00	6.99					
20	35-39	Current Dual	34.00	4.03					
20	35-39	Former	112.00	13.27			8.62	16.00	14.29
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	26.00	13.83			
20	40-44	Current MRTP	33.00	3.97					
20	40-44	Current Dual	16.00	1.93					
20	40-44	Former	209.00	25.15			14.86	6.00	2.87
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	38.00	14.96			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	25.00	2.50					
20	45-49	Former	235.00	23.52			17.01	8.00	3.40
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	201.00	17.91	33.00	13.25			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	15.00	1.34					
20	50-54	Former	312.00	27.81			17.82	15.00	4.81
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	35.00	21.21			
20	55-59	Current MRTP	25.00	2.58					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	308.00	31.75			20.57	14.00	4.55
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	113.00	13.93	37.00	24.67			
20	60-64	Current MRTP	26.00	3.21					

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	239.00	29.47			20.54	11.00	4.60

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	12.00	2.24					
20	70-74	Current Dual	9.00	1.68					
20	70-74	Former	183.00	34.21			23.74	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	32.89			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	162.00	33.20			24.52	13.00	8.02

****

Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.214	75.025	0.037	0.120	2725.82	851.622	850.603	1.019
1995	201023	63132.954	63012.604	120.351	0.060	0.191	2687.54	844.043	842.434	1.609
1996	201180	64309.880	64221.907	87.974	0.044	0.137	2653.67	848.280	847.120	1.160
1997	198639	64547.894	64421.047	126.847	0.064	0.197	2583.39	839.475	837.825	1.650
1998	197573	65384.866	65134.196	250.670	0.127	0.383	2533.29	838.367	835.153	3.214
1999	211329	67554.762	67156.115	398.647	0.189	0.590	2673.14	854.513	849.471	5.043
2000	208496	68184.366	67670.832	513.534	0.246	0.753	2604.20	851.652	845.237	6.414
2001	203606	68286.060	67624.933	661.128	0.325	0.968	2514.65	843.372	835.207	8.165
2002	200828	68983.996	68250.620	733.376	0.365	1.063	2455.47	843.450	834.483	8.967
2003	196352	68717.830	67757.852	959.978	0.489	1.397	2377.49	832.057	820.434	11.624
2004	188160	67344.952	66069.900	1275.052	0.678	1.893	2254.66	806.974	791.695	15.279
2005	186416	67846.650	66353.830	1492.820	0.801	2.200	2208.07	803.634	785.951	17.682
2006	180088	66622.465	64671.577	1950.888	1.083	2.928	2113.55	781.893	758.997	22.896
2007	175644	65977.201	63689.855	2287.346	1.302	3.467	2039.92	766.256	739.691	26.565
2008	177570	67121.344	64633.251	2488.093	1.401	3.707	2039.03	770.751	742.180	28.571
2009	172806	66622.993	63784.364	2838.629	1.643	4.261	1961.22	756.123	723.906	32.216

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285979.424	16336.94	0.419	1.254	2465.77	823.300	812.972	10.328

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Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.343	12.046	0.026	0.035	638.697	461.725	461.561	0.164
1995	47840	34566.580	34544.571	22.009	0.046	0.064	639.587	462.131	461.837	0.294
1996	48244	34997.958	34994.716	3.242	0.007	0.009	636.363	461.641	461.598	0.043
1997	49035	35549.658	35535.159	14.498	0.030	0.041	637.723	462.340	462.151	0.189
1998	49686	36138.033	36092.713	45.320	0.091	0.125	637.076	463.363	462.782	0.581
1999	48883	35506.142	35438.732	67.410	0.138	0.190	618.331	449.124	448.271	0.853
2000	50331	36573.306	36469.396	103.910	0.206	0.284	628.656	456.816	455.518	1.298
2001	50389	36733.445	36594.292	139.153	0.276	0.379	622.333	453.679	451.961	1.719
2002	51445	37627.700	37459.716	167.984	0.327	0.446	629.005	460.065	458.011	2.054
2003	51408	37552.784	37308.921	243.863	0.474	0.649	622.464	454.701	451.748	2.953
2004	51399	37527.823	37180.740	347.083	0.675	0.925	615.898	449.684	445.525	4.159
2005	51421	37486.186	37082.145	404.041	0.786	1.078	609.074	444.018	439.233	4.786
2006	51355	37409.496	36832.712	576.784	1.123	1.542	602.712	439.045	432.275	6.769
2007	51839	37602.867	36901.000	701.867	1.354	1.867	602.056	436.718	428.567	8.151
2008	50976	36986.957	36249.305	737.651	1.447	1.994	585.355	424.719	416.249	8.470
2009	51193	37201.944	36317.921	884.024	1.727	2.376	581.003	422.215	412.182	10.033

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707415.641	4489.198	0.458	0.631	619.890	450.053	447.215	2.838

****

Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12081.910	46.666	0.051	0.385	1233.90	164.759	164.125	0.634
1995	89698	11958.696	11892.553	66.143	0.074	0.553	1199.20	159.879	158.995	0.884
1996	88286	12020.749	11945.319	75.430	0.085	0.628	1164.54	158.560	157.565	0.995
1997	84777	11593.724	11496.643	97.080	0.115	0.837	1102.56	150.782	149.519	1.263
1998	82517	11337.035	11186.507	150.528	0.182	1.328	1058.04	145.364	143.434	1.930
1999	93939	13027.458	12779.480	247.977	0.264	1.903	1188.25	164.787	161.650	3.137
2000	90039	12607.547	12330.038	277.509	0.308	2.201	1124.63	157.474	154.007	3.466
2001	86119	12350.451	11993.136	357.315	0.415	2.893	1063.62	152.535	148.122	4.413
2002	83014	12112.097	11720.136	391.960	0.472	3.236	1014.99	148.092	143.299	4.792
2003	79302	11683.252	11226.150	457.103	0.576	3.912	960.214	141.465	135.930	5.535
2004	73861	11139.095	10573.576	565.519	0.766	5.077	885.053	133.476	126.700	6.776
2005	71649	10884.683	10246.449	638.234	0.891	5.864	848.672	128.927	121.368	7.560
2006	67551	10397.565	9641.522	756.042	1.119	7.271	792.791	122.028	113.155	8.873
2007	63503	9785.831	8930.773	855.058	1.346	8.738	737.521	113.652	103.722	9.931
2008	63171	9922.524	8997.279	925.245	1.465	9.325	725.389	113.940	103.315	10.625
2009	59747	9483.598	8490.029	993.569	1.663	10.477	678.085	107.632	96.356	11.276

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225545.546	6937.004	0.420	2.984	1043.56	146.971	142.586	4.385

****

Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 10 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.131	13.267	0.040	0.419	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.260	21.014	0.062	0.657	450.946	42.785	42.504	0.281
1996	33750	3234.738	3208.878	25.860	0.077	0.799	445.180	42.668	42.327	0.341
1997	33699	3240.665	3214.600	26.065	0.077	0.804	438.271	42.146	41.807	0.339
1998	33274	3171.578	3127.962	43.615	0.131	1.375	426.640	40.666	40.107	0.559
1999	33891	3153.786	3086.838	66.948	0.198	2.123	428.694	39.893	39.046	0.847
2000	33827	3237.043	3150.315	86.728	0.256	2.679	422.514	40.432	39.349	1.083
2001	32506	3110.972	3001.593	109.378	0.336	3.516	401.468	38.422	37.071	1.351
2002	32078	3123.298	2997.664	125.633	0.392	4.022	392.210	38.188	36.652	1.536
2003	30568	3025.984	2881.993	143.991	0.471	4.758	370.127	36.640	34.896	1.743
2004	29388	2983.453	2799.114	184.339	0.627	6.179	352.147	35.750	33.541	2.209
2005	27954	2926.679	2717.988	208.691	0.747	7.131	331.111	34.666	32.194	2.472
2006	27201	2889.308	2645.065	244.243	0.898	8.453	319.236	33.909	31.043	2.866
2007	26302	2810.025	2529.443	280.582	1.067	9.985	305.470	32.636	29.377	3.259
2008	25998	2773.025	2479.198	293.827	1.130	10.596	298.534	31.843	28.469	3.374
2009	25040	2723.293	2398.972	324.321	1.295	11.909	284.186	30.907	27.227	3.681

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59083.033	2208.710	0.354	3.604	394.195	38.747	37.351	1.396

****

Main Results for E-Component Summarized over Simulations for Run: 10

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.830	3.046	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.220	11.185	0.038	0.083	397.803	179.248	179.098	0.150
1996	30900	14056.435	14072.993	-16.559	-0.054	-0.118	407.587	185.412	185.630	-0.218
1997	31128	14163.848	14174.645	-10.797	-0.035	-0.076	404.834	184.207	184.348	-0.140
1998	32096	14738.220	14727.014	11.206	0.035	0.076	411.536	188.974	188.830	0.144
1999	34616	15867.376	15851.065	16.311	0.047	0.103	437.865	200.710	200.503	0.206
2000	34299	15766.470	15721.083	45.387	0.132	0.288	428.409	196.930	196.363	0.567
2001	34592	16091.193	16035.912	55.281	0.160	0.344	427.231	198.736	198.053	0.683
2002	34291	16120.902	16073.104	47.798	0.139	0.296	419.268	197.106	196.522	0.584
2003	35074	16455.810	16340.788	115.022	0.328	0.699	424.687	199.252	197.859	1.393
2004	33512	15694.580	15516.469	178.111	0.531	1.135	401.564	188.063	185.929	2.134
2005	35392	16549.102	16307.247	241.854	0.683	1.461	419.213	196.022	193.157	2.865
2006	33981	15926.096	15552.277	373.819	1.100	2.347	398.807	186.912	182.524	4.387
2007	34000	15778.477	15328.639	449.838	1.323	2.851	394.875	183.251	178.026	5.224
2008	37425	17438.838	16907.469	531.369	1.420	3.047	429.749	200.249	194.148	6.102
2009	36826	17214.158	16577.442	636.716	1.729	3.699	417.948	195.368	188.142	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	296637.233	293935.204	2702.029	0.419	0.911	408.132	187.528	185.820	1.708

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	1
40. Definition of short-term MRTP	2

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STP values for Run: 11, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 11, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		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 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 11, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 11, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2463.00	26.84	145.00	5.41			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	86.00	0.94					
5	All Ages	Former	2596.00	28.29			15.51	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 11 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.29			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2262.00	24.13	242.00	8.96			
10	All Ages	Current MRTP	259.00	2.76					
10	All Ages	Current Dual	179.00	1.91					
10	All Ages	Former	2602.00	27.75			17.19	167.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	34.00	3.79					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	23.00	2.57			1.91	11.00	47.83

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	1.67			
10	25-29	Current MRTP	25.00	2.73					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	62.00	6.78			4.73	19.00	30.65

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	248.00	25.89	10.00	3.17			
10	30-34	Current MRTP	41.00	4.28					
10	30-34	Current Dual	26.00	2.71					
10	30-34	Former	144.00	15.03			7.97	13.00	9.03

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	317.00	29.52	20.00	5.56			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	226.00	21.04			9.98	13.00	5.75

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	27.00	8.52			
10	40-44	Current MRTP	21.00	1.94					
10	40-44	Current Dual	10.00	0.92					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	23.00	8.19			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	8.00	0.82					
10	45-49	Former	286.00	29.39			15.85	14.00	4.90

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.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	20.00	2.33					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.12	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.49			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	256.00	49.71			21.56	16.00	6.25
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1991.00	22.30	304.00	11.99			
15	All Ages	Current MRTP	343.00	3.84					
15	All Ages	Current Dual	201.00	2.25					
15	All Ages	Former	2524.00	28.27			18.72	138.00	5.47
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	0.71			
15	25-29	Current MRTP	54.00	6.03					
15	25-29	Current Dual	53.00	5.92					
15	25-29	Former	49.00	5.47			4.22	11.00	22.45
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	220.00	24.04	11.00	3.65			
15	30-34	Current MRTP	40.00	4.37					
15	30-34	Current Dual	41.00	4.48					
15	30-34	Former	89.00	9.73			6.78	14.00	15.73
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	490.00	51.15					
15	35-39	Current CC	228.00	23.80	22.00	7.28			
15	35-39	Current MRTP	43.00	4.49					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	166.00	17.33			10.77	14.00	8.43
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	275.00	25.61	26.00	8.00			
15	40-44	Current MRTP	35.00	3.26					
15	40-44	Current Dual	15.00	1.40					
15	40-44	Former	261.00	24.30			12.66	15.00	5.75
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	259.00	23.92	40.00	13.16			
15	45-49	Current MRTP	34.00	3.14					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	301.00	27.79			14.73	12.00	3.99
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	27.00	2.77					
15	50-54	Current Dual	9.00	0.92					
15	50-54	Former	316.00	32.48			18.44	13.00	4.11
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	28.00	3.26					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	329.00	38.30			20.09	19.00	5.78
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.13			
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			22.89	12.00	4.71
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	111.00	21.18	29.00	21.97			
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			22.66	9.00	3.80
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	34.00	28.81			
15	70-74	Current MRTP	20.00	3.88					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	256.00	49.71			24.78	8.00	3.13
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1655.00	19.64	348.00	15.43			

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	374.00	4.44					
20	All Ages	Current Dual	227.00	2.69					
20	All Ages	Former	2451.00	29.09			19.73	147.00	6.00
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	162.00	18.08	5.00	1.89			
20	30-34	Current MRTP	52.00	5.80					
20	30-34	Current Dual	50.00	5.58					
20	30-34	Former	85.00	9.49			6.13	15.00	17.65
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	192.00	20.98	13.00	4.56			
20	35-39	Current MRTP	50.00	5.46					
20	35-39	Current Dual	43.00	4.70					
20	35-39	Former	115.00	12.57			8.87	15.00	13.04
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	203.00	21.19	26.00	9.22			
20	40-44	Current MRTP	45.00	4.70					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	186.00	19.42			13.60	12.00	6.45
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	251.00	23.37	34.00	11.15			
20	45-49	Current MRTP	36.00	3.35					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	281.00	26.16			15.74	15.00	5.34
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	220.00	20.31	50.00	18.18			
20	50-54	Current MRTP	41.00	3.79					
20	50-54	Current Dual	14.00	1.29					
20	50-54	Former	330.00	30.47			17.31	15.00	4.55
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	32.00	3.29					
20	55-59	Current Dual	14.00	1.44					
20	55-59	Former	335.00	34.43			21.17	14.00	4.18
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.75			
20	60-64	Current MRTP	33.00	3.84					

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	340.00	39.58			22.47	17.00	5.00

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	42.00	26.09			
20	65-69	Current MRTP	35.00	5.56					
20	65-69	Current Dual	9.00	1.43					
20	65-69	Former	277.00	43.97			23.83	19.00	6.86

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	44.00	34.38			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	10.00	1.91					
20	70-74	Former	241.00	45.99			25.25	12.00	4.98

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	69.00	13.40	50.00	44.25			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	261.00	50.68			25.80	13.00	4.98

****

Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.925	342.291	0.110	0.278	4656.77	1841.55	1836.44	5.114
1994	305700	120480.723	119966.754	513.969	0.168	0.427	4482.57	1766.64	1759.11	7.536
1995	303225	118666.569	117910.616	755.953	0.249	0.637	4361.58	1706.89	1696.02	10.874
1996	299559	116607.195	115649.732	957.462	0.320	0.821	4242.85	1651.58	1638.02	13.561
1997	294226	114665.051	113558.152	1106.899	0.376	0.965	4100.64	1598.09	1582.66	15.427
1998	289258	113038.380	111698.981	1339.399	0.463	1.185	3966.28	1549.97	1531.60	18.366
1999	311002	117067.463	115255.798	1811.665	0.583	1.548	4198.14	1580.27	1555.81	24.455
2000	303786	114977.407	112946.410	2030.998	0.669	1.766	4041.13	1529.49	1502.47	27.017
2001	296294	113047.319	110847.107	2200.212	0.743	1.946	3890.54	1484.39	1455.50	28.890
2002	291898	111744.742	109331.556	2413.186	0.827	2.160	3789.34	1450.64	1419.31	31.327
2003	285865	110551.854	107920.799	2631.055	0.920	2.380	3671.31	1419.80	1386.01	33.790
2004	274177	107418.262	104734.527	2683.735	0.979	2.498	3481.92	1364.16	1330.08	34.082
2005	272379	107678.770	104809.681	2869.089	1.053	2.664	3417.44	1351.01	1315.01	35.997
2006	264118	104357.806	101448.596	2909.210	1.101	2.788	3281.83	1296.71	1260.56	36.149
2007	258419	102690.449	99638.795	3051.655	1.181	2.972	3176.05	1262.10	1224.59	37.506
2008	259461	103492.166	100046.030	3446.137	1.328	3.330	3150.91	1256.82	1214.97	41.850
2009	253907	101384.044	97690.025	3694.019	1.455	3.644	3045.20	1215.94	1171.63	44.304

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238305.292	34938.39	0.601	1.537	3927.78	1535.76	1512.15	23.604

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Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.726	66.386	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.132	102.672	0.133	0.166	1135.48	906.276	904.771	1.506
1995	76904	61145.799	60992.147	153.653	0.200	0.251	1106.18	879.519	877.308	2.210
1996	76232	60385.323	60191.690	193.632	0.254	0.321	1079.72	855.277	852.534	2.743
1997	75473	59549.806	59338.750	211.055	0.280	0.354	1051.87	829.947	827.006	2.941
1998	75381	59292.315	58999.713	292.602	0.388	0.493	1033.62	813.010	808.998	4.012
1999	73159	57398.351	57035.570	362.781	0.496	0.632	987.557	774.807	769.910	4.897
2000	73784	57716.549	57269.555	446.994	0.606	0.774	981.515	767.777	761.831	5.946
2001	73294	57211.877	56709.979	501.898	0.685	0.877	962.399	751.230	744.640	6.590
2002	72442	56438.810	55884.753	554.057	0.765	0.982	940.422	732.673	725.481	7.193
2003	71942	55948.341	55365.349	582.992	0.810	1.042	923.937	718.533	711.046	7.487
2004	71301	55339.218	54726.831	612.388	0.859	1.107	905.490	702.783	695.006	7.777
2005	70964	54964.459	54327.376	637.084	0.898	1.159	890.360	689.620	681.626	7.993
2006	69658	53781.526	53148.442	633.084	0.909	1.177	865.543	668.268	660.402	7.866
2007	68565	52784.985	52125.186	659.799	0.962	1.250	842.687	648.745	640.636	8.109
2008	68226	52470.692	51702.729	767.963	1.126	1.464	828.542	637.208	627.882	9.326
2009	67509	51823.021	50989.268	833.753	1.235	1.609	809.661	621.533	611.534	10.000

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152335.646	7652.882	0.518	0.660	997.213	783.665	778.495	5.170

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Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.568	208.232	0.127	0.587	2455.45	529.744	526.633	3.111
1994	159866	34293.631	33992.130	301.502	0.189	0.879	2344.16	502.857	498.436	4.421
1995	158083	33531.695	33097.815	433.880	0.274	1.294	2273.86	482.318	476.078	6.241
1996	154875	32438.163	31893.156	545.007	0.352	1.680	2193.60	459.443	451.724	7.719
1997	149970	31179.663	30540.438	639.225	0.426	2.050	2090.14	434.552	425.643	8.909
1998	145407	29860.736	29143.278	717.459	0.493	2.403	1993.81	409.447	399.610	9.838
1999	165952	34413.904	33403.485	1010.420	0.609	2.936	2240.15	464.545	450.906	13.639
2000	160260	33265.290	32183.177	1082.113	0.675	3.253	2131.87	442.513	428.118	14.395
2001	154444	32074.102	30922.113	1151.989	0.746	3.592	2027.95	421.154	406.028	15.126
2002	151887	31817.956	30560.475	1257.482	0.828	3.952	1971.76	413.052	396.728	16.324
2003	146733	31025.931	29616.834	1409.097	0.960	4.542	1884.46	398.460	380.363	18.097
2004	138381	29503.602	28062.748	1440.855	1.041	4.884	1757.38	374.682	356.384	18.298
2005	135881	29077.894	27533.185	1544.709	1.137	5.312	1704.85	364.830	345.449	19.381
2006	131922	28385.448	26767.250	1618.198	1.227	5.701	1639.21	352.707	332.599	20.107
2007	126502	27327.625	25629.607	1698.018	1.342	6.214	1554.75	335.866	314.996	20.869
2008	125859	27025.472	25179.964	1845.507	1.466	6.829	1528.44	328.199	305.787	22.412
2009	122428	26361.626	24382.106	1979.520	1.617	7.509	1468.33	316.165	292.424	23.741

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619364.247	18992.43	0.634	2.975	2024.64	431.261	418.430	12.831

****

Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 11 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.083	35.054	0.107	0.794	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.149	54.747	0.164	1.223	488.625	65.617	64.814	0.803
1995	33569	4476.290	4393.901	82.389	0.245	1.841	482.855	64.387	63.202	1.185
1996	33870	4489.078	4378.894	110.185	0.325	2.455	479.723	63.582	62.021	1.561
1997	33516	4444.866	4305.565	139.301	0.416	3.134	467.113	61.948	60.007	1.941
1998	32795	4313.427	4171.414	142.013	0.433	3.292	449.682	59.145	57.198	1.947
1999	33375	4232.739	4066.234	166.505	0.499	3.934	450.521	57.137	54.889	2.248
2000	33459	4307.577	4133.237	174.340	0.521	4.047	445.090	57.302	54.983	2.319
2001	32275	4136.308	3963.717	172.592	0.535	4.173	423.792	54.312	52.046	2.266
2002	31586	4079.175	3900.976	178.199	0.564	4.369	410.041	52.955	50.641	2.313
2003	30985	4096.221	3879.801	216.420	0.698	5.283	397.934	52.607	49.828	2.779
2004	29884	4034.217	3813.943	220.274	0.737	5.460	379.513	51.233	48.435	2.797
2005	28708	3944.303	3715.781	228.522	0.796	5.794	360.189	49.488	46.621	2.867
2006	28188	3970.169	3721.228	248.941	0.883	6.270	350.253	49.332	46.239	3.093
2007	28026	3957.558	3684.356	273.202	0.975	6.903	344.449	48.640	45.282	3.358
2008	27128	3812.302	3538.636	273.666	1.009	7.178	329.444	46.297	42.973	3.323
2009	27068	3827.467	3517.419	310.048	1.145	8.101	324.637	45.904	42.186	3.719

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81417.214	3040.289	0.484	3.600	424.421	57.058	55.004	2.054

****

Main Results for E-Component Summarized over Simulations for Run: 11

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.549	32.620	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.344	55.049	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.754	86.031	0.248	0.441	498.677	280.671	279.434	1.237
1996	34582	19294.631	19185.992	108.639	0.314	0.563	489.808	273.283	271.744	1.539
1997	35267	19490.717	19373.399	117.318	0.333	0.602	491.517	271.643	270.008	1.635
1998	35675	19571.902	19384.576	187.326	0.525	0.957	489.172	268.368	265.799	2.569
1999	38516	21022.469	20750.510	271.959	0.706	1.294	519.919	283.777	280.106	3.671
2000	36283	19687.992	19360.441	327.551	0.903	1.664	482.656	261.900	257.543	4.357
2001	36281	19625.032	19251.298	373.734	1.030	1.904	476.394	257.690	252.782	4.907
2002	35983	19408.801	18985.353	423.448	1.177	2.182	467.122	251.960	246.463	5.497
2003	36205	19481.360	19058.815	422.545	1.167	2.169	464.974	250.195	244.769	5.427
2004	34611	18541.224	18131.006	410.218	1.185	2.212	439.544	235.465	230.256	5.210
2005	36826	19692.114	19233.339	458.775	1.246	2.330	462.043	247.070	241.314	5.756
2006	34350	18220.663	17811.677	408.986	1.191	2.245	426.820	226.403	221.321	5.082
2007	35326	18620.282	18199.646	420.636	1.191	2.259	434.168	228.849	223.680	5.170
2008	38248	20183.701	19624.700	559.001	1.462	2.770	464.487	245.112	238.324	6.789
2009	36902	19371.930	18801.232	570.698	1.547	2.946	442.580	232.335	225.490	6.845

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:	All	Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385188.185	5252.788	0.737	1.345	481.512	263.774	260.225	3.549

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	1
40. Definition of short-term MRTP	2

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STP values for Run: 12, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 12, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		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 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 12, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

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Main Output for the Smoking History Summarized over Simulations for Run: 12, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	115.00	5.22			
5	All Ages	Current MRTP	110.00	1.21					
5	All Ages	Current Dual	70.00	0.77					
5	All Ages	Former	1993.00	21.95			14.73	112.00	5.62

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 12 (APPENDIX_5_Varying_STP_Factor_1_4.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	1.17			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	8.00	4.35			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1855.00	20.36	187.00	8.49			
10	All Ages	Current MRTP	225.00	2.47					
10	All Ages	Current Dual	123.00	1.35					
10	All Ages	Former	2008.00	22.04			16.24	109.00	5.43

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	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	18.00	2.21			2.61	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.87			
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			4.96	12.00	22.64

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	188.00	22.62	13.00	5.63			
10	30-34	Current MRTP	25.00	3.01					
10	30-34	Current Dual	18.00	2.17					
10	30-34	Former	159.00	19.13			8.92	12.00	7.55

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	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	18.00	6.27			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.86			
10	50-54	Current MRTP	17.00	2.10					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	214.00	26.39			14.72	8.00	3.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	12.00	12.12			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	5.00	1.02					
10	65-69	Former	139.00	28.48			23.78	5.00	3.60
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1564.00	18.25	237.00	11.76			
15	All Ages	Current MRTP	281.00	3.28					
15	All Ages	Current Dual	170.00	1.98					
15	All Ages	Former	2032.00	23.71			17.38	125.00	6.15
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	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	40.00	4.92					
15	25-29	Former	37.00	4.55			3.97	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	189.00	22.39	9.00	3.30			
15	30-34	Current MRTP	53.00	6.28					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.75	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	161.00	19.37	22.00	10.38			
15	35-39	Current MRTP	30.00	3.61					
15	35-39	Current Dual	21.00	2.53					
15	35-39	Former	185.00	22.26			11.78	11.00	5.95
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	34.00	12.45			
15	40-44	Current MRTP	27.00	2.70					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	216.00	21.62			14.18	10.00	4.63
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	228.00	20.32	25.00	9.23			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	12.00	1.07					
15	45-49	Former	290.00	25.85			14.97	12.00	4.14
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	154.00	15.88	29.00	15.68			
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			17.96	13.00	4.51
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	25.00	15.72			
15	55-59	Current MRTP	17.00	2.10					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	230.00	28.36			17.63	11.00	4.78
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.63			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	5.00	0.81					
15	60-64	Former	197.00	31.72			20.29	8.00	4.06
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	24.00	21.43			
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			21.36	7.00	4.09
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	20.00	23.53			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	9.00	1.84					
15	70-74	Former	153.00	31.35			23.54	12.00	7.84
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	29.00	31.52			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	6.00	1.12					
15	75-79	Former	184.00	34.33			24.77	12.00	6.52
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	1317.00	16.39	261.00	14.64			

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	290.00	3.61					
20	All Ages	Current Dual	176.00	2.19					
20	All Ages	Former	2025.00	25.21			18.92	115.00	5.68
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	141.00	17.34	4.00	1.73			
20	30-34	Current MRTP	48.00	5.90					
20	30-34	Current Dual	42.00	5.17					
20	30-34	Former	61.00	7.50			5.85	13.00	21.31
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	162.00	19.19	11.00	4.35			
20	35-39	Current MRTP	58.00	6.87					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	113.00	13.39			8.58	16.00	14.16
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	25.00	13.23			
20	40-44	Current MRTP	31.00	3.73					
20	40-44	Current Dual	19.00	2.29					
20	40-44	Former	208.00	25.03			14.85	6.00	2.88
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	201.00	20.12	38.00	15.02			
20	45-49	Current MRTP	27.00	2.70					
20	45-49	Current Dual	25.00	2.50					
20	45-49	Former	236.00	23.62			16.97	8.00	3.39
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	202.00	18.00	34.00	13.55			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	16.00	1.43					
20	50-54	Former	310.00	27.63			17.92	14.00	4.52
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	36.00	21.69			
20	55-59	Current MRTP	25.00	2.58					
20	55-59	Current Dual	9.00	0.93					
20	55-59	Former	307.00	31.65			20.64	13.00	4.23
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	113.00	13.93	36.00	24.00			
20	60-64	Current MRTP	25.00	3.08					

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	12.00	1.48					
20	60-64	Former	239.00	29.47			20.56	11.00	4.60

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.35			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	5.00	0.81					
20	65-69	Former	207.00	33.33			23.07	9.00	4.35

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	11.00	2.06					
20	70-74	Current Dual	9.00	1.68					
20	70-74	Former	183.00	34.21			23.80	12.00	6.56

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	26.00	33.77			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	6.00	1.23					
20	75-79	Former	161.00	32.99			24.60	13.00	8.07

****

Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.214	75.025	0.037	0.120	2725.82	851.622	850.603	1.019
1995	201023	63132.954	63012.604	120.351	0.060	0.191	2687.54	844.043	842.434	1.609
1996	201180	64309.880	64221.907	87.974	0.044	0.137	2653.67	848.280	847.120	1.160
1997	198639	64547.894	64421.047	126.847	0.064	0.197	2583.39	839.475	837.825	1.650
1998	197573	65384.866	65135.512	249.354	0.126	0.381	2533.29	838.367	835.170	3.197
1999	211329	67554.762	67158.830	395.932	0.187	0.586	2673.14	854.513	849.505	5.008
2000	208496	68184.366	67676.266	508.100	0.244	0.745	2604.20	851.652	845.305	6.346
2001	203606	68286.060	67632.513	653.548	0.321	0.957	2514.65	843.372	835.301	8.072
2002	200828	68983.996	68262.428	721.568	0.359	1.046	2455.47	843.450	834.628	8.822
2003	196352	68717.830	67772.616	945.214	0.481	1.376	2377.49	832.057	820.612	11.445
2004	188160	67344.952	66088.253	1256.699	0.668	1.866	2254.66	806.974	791.915	15.059
2005	186416	67846.650	66383.236	1463.414	0.785	2.157	2208.07	803.634	786.300	17.334
2006	180088	66622.465	64706.324	1916.141	1.064	2.876	2113.55	781.893	759.405	22.488
2007	175644	65977.201	63727.790	2249.411	1.281	3.409	2039.92	766.256	740.132	26.125
2008	177570	67121.344	64676.863	2444.480	1.377	3.642	2039.03	770.751	742.681	28.070
2009	172806	66622.993	63821.790	2801.203	1.621	4.205	1961.22	756.123	724.331	31.792

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1286224.520	16091.84	0.413	1.236	2465.77	823.300	813.127	10.173

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Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.343	12.046	0.026	0.035	638.697	461.725	461.561	0.164
1995	47840	34566.580	34544.571	22.009	0.046	0.064	639.587	462.131	461.837	0.294
1996	48244	34997.958	34994.716	3.242	0.007	0.009	636.363	461.641	461.598	0.043
1997	49035	35549.658	35535.159	14.498	0.030	0.041	637.723	462.340	462.151	0.189
1998	49686	36138.033	36093.046	44.987	0.091	0.124	637.076	463.363	462.786	0.577
1999	48883	35506.142	35439.364	66.778	0.137	0.188	618.331	449.124	448.279	0.845
2000	50331	36573.306	36471.015	102.292	0.203	0.280	628.656	456.816	455.538	1.278
2001	50389	36733.445	36596.588	136.857	0.272	0.373	622.333	453.679	451.989	1.690
2002	51445	37627.700	37463.246	164.454	0.320	0.437	629.005	460.065	458.054	2.011
2003	51408	37552.784	37313.322	239.462	0.466	0.638	622.464	454.701	451.802	2.899
2004	51399	37527.823	37186.790	341.033	0.664	0.909	615.898	449.684	445.598	4.086
2005	51421	37486.186	37091.036	395.150	0.768	1.054	609.074	444.018	439.338	4.680
2006	51355	37409.496	36843.696	565.800	1.102	1.512	602.712	439.045	432.404	6.640
2007	51839	37602.867	36913.552	689.315	1.330	1.833	602.056	436.718	428.712	8.006
2008	50976	36986.957	36263.200	723.757	1.420	1.957	585.355	424.719	416.408	8.311
2009	51193	37201.944	36329.782	872.162	1.704	2.344	581.003	422.215	412.317	9.898

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707492.684	4412.155	0.450	0.620	619.890	450.053	447.264	2.789

****

Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12081.910	46.666	0.051	0.385	1233.90	164.759	164.125	0.634
1995	89698	11958.696	11892.553	66.143	0.074	0.553	1199.20	159.879	158.995	0.884
1996	88286	12020.749	11945.319	75.430	0.085	0.628	1164.54	158.560	157.565	0.995
1997	84777	11593.724	11496.643	97.080	0.115	0.837	1102.56	150.782	149.519	1.263
1998	82517	11337.035	11187.066	149.968	0.182	1.323	1058.04	145.364	143.441	1.923
1999	93939	13027.458	12780.739	246.718	0.263	1.894	1188.25	164.787	161.666	3.121
2000	90039	12607.547	12332.178	275.370	0.306	2.184	1124.63	157.474	154.034	3.439
2001	86119	12350.451	11996.054	354.396	0.412	2.870	1063.62	152.535	148.158	4.377
2002	83014	12112.097	11724.500	387.597	0.467	3.200	1014.99	148.092	143.353	4.739
2003	79302	11683.252	11231.394	451.858	0.570	3.868	960.214	141.465	135.993	5.471
2004	73861	11139.095	10579.487	559.608	0.758	5.024	885.053	133.476	126.771	6.706
2005	71649	10884.683	10256.297	628.386	0.877	5.773	848.672	128.927	121.484	7.443
2006	67551	10397.565	9652.672	744.893	1.103	7.164	792.791	122.028	113.286	8.742
2007	63503	9785.831	8942.098	843.733	1.329	8.622	737.521	113.652	103.853	9.799
2008	63171	9922.524	9009.966	912.558	1.445	9.197	725.389	113.940	103.461	10.479
2009	59747	9483.598	8502.511	981.087	1.642	10.345	678.085	107.632	96.497	11.135

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225625.433	6857.116	0.415	2.950	1043.56	146.971	142.636	4.335

****

Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 12 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.131	13.267	0.040	0.419	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.260	21.014	0.062	0.657	450.946	42.785	42.504	0.281
1996	33750	3234.738	3208.878	25.860	0.077	0.799	445.180	42.668	42.327	0.341
1997	33699	3240.665	3214.600	26.065	0.077	0.804	438.271	42.146	41.807	0.339
1998	33274	3171.578	3128.223	43.354	0.130	1.367	426.640	40.666	40.110	0.556
1999	33891	3153.786	3087.324	66.463	0.196	2.107	428.694	39.893	39.052	0.841
2000	33827	3237.043	3150.971	86.072	0.254	2.659	422.514	40.432	39.357	1.075
2001	32506	3110.972	3002.495	108.477	0.334	3.487	401.468	38.422	37.083	1.340
2002	32078	3123.298	2999.270	124.028	0.387	3.971	392.210	38.188	36.671	1.516
2003	30568	3025.984	2883.950	142.034	0.465	4.694	370.127	36.640	34.920	1.720
2004	29388	2983.453	2800.919	182.535	0.621	6.118	352.147	35.750	33.563	2.187
2005	27954	2926.679	2721.026	205.653	0.736	7.027	331.111	34.666	32.230	2.436
2006	27201	2889.308	2648.564	240.744	0.885	8.332	319.236	33.909	31.084	2.825
2007	26302	2810.025	2533.254	276.772	1.052	9.849	305.470	32.636	29.421	3.214
2008	25998	2773.025	2483.221	289.804	1.115	10.451	298.534	31.843	28.515	3.328
2009	25040	2723.293	2403.006	320.287	1.279	11.761	284.186	30.907	27.272	3.635

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59109.108	2182.635	0.350	3.561	394.195	38.747	37.368	1.380

****

Main Results for E-Component Summarized over Simulations for Run: 12

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.830	3.046	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.220	11.185	0.038	0.083	397.803	179.248	179.098	0.150
1996	30900	14056.435	14072.993	-16.559	-0.054	-0.118	407.587	185.412	185.630	-0.218
1997	31128	14163.848	14174.645	-10.797	-0.035	-0.076	404.834	184.207	184.348	-0.140
1998	32096	14738.220	14727.176	11.044	0.034	0.075	411.536	188.974	188.832	0.142
1999	34616	15867.376	15851.403	15.973	0.046	0.101	437.865	200.710	200.508	0.202
2000	34299	15766.470	15722.103	44.367	0.129	0.281	428.409	196.930	196.376	0.554
2001	34592	16091.193	16037.375	53.817	0.156	0.334	427.231	198.736	198.071	0.665
2002	34291	16120.902	16075.413	45.489	0.133	0.282	419.268	197.106	196.550	0.556
2003	35074	16455.810	16343.950	111.860	0.319	0.680	424.687	199.252	197.898	1.354
2004	33512	15694.580	15521.056	173.524	0.518	1.106	401.564	188.063	185.984	2.079
2005	35392	16549.102	16314.878	234.224	0.662	1.415	419.213	196.022	193.247	2.774
2006	33981	15926.096	15561.392	364.704	1.073	2.290	398.807	186.912	182.631	4.280
2007	34000	15778.477	15338.886	439.591	1.293	2.786	394.875	183.251	178.145	5.105
2008	37425	17438.838	16920.476	518.362	1.385	2.972	429.749	200.249	194.297	5.952
2009	36826	17214.158	16586.491	627.666	1.704	3.646	417.948	195.368	188.245	7.124

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293997.295	2639.938	0.409	0.890	408.132	187.528	185.860	1.669

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160414_143236
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	
40. Definition of short-term MRTP	

****

STP values for Run: 13, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 13, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		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 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 13, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 13, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2463.00	26.84	145.00	5.41			
5	All Ages	Current MRTP	130.00	1.42					
5	All Ages	Current Dual	86.00	0.94					
5	All Ages	Former	2597.00	28.30			15.50	149.00	5.74

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 13 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.29			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.78			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	221.00	42.18			16.80	15.00	6.79
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2264.00	24.15	243.00	8.99			
10	All Ages	Current MRTP	258.00	2.75					
10	All Ages	Current Dual	180.00	1.92					
10	All Ages	Former	2600.00	27.73			17.20	166.00	6.38

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	34.00	3.79					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	23.00	2.57			1.91	11.00	47.83

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	25.00	2.73					
10	25-29	Current Dual	36.00	3.93					
10	25-29	Former	61.00	6.67			4.80	18.00	29.51

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	248.00	25.89	10.00	3.17			
10	30-34	Current MRTP	41.00	4.28					
10	30-34	Current Dual	26.00	2.71					
10	30-34	Former	144.00	15.03			7.97	13.00	9.03

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	317.00	29.52	20.00	5.56			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	226.00	21.04			9.98	13.00	5.75

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	287.00	26.50	27.00	8.52			
10	40-44	Current MRTP	21.00	1.94					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	288.00	26.59			10.92	22.00	7.64

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	257.00	26.41	23.00	8.16			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	8.00	0.82					
10	45-49	Former	285.00	29.29			15.89	14.00	4.91

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.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	20.00	2.33					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.12	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	19.00	14.29			
10	60-64	Current MRTP	5.00	0.95					
10	60-64	Current Dual	8.00	1.53					
10	60-64	Former	236.00	45.04			19.51	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.49			
10	65-69	Current MRTP	14.00	2.72					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	256.00	49.71			21.56	16.00	6.25
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1992.00	22.31	306.00	12.07			
15	All Ages	Current MRTP	337.00	3.78					
15	All Ages	Current Dual	207.00	2.32					
15	All Ages	Former	2523.00	28.26			18.72	138.00	5.47
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	0.71			
15	25-29	Current MRTP	54.00	6.03					
15	25-29	Current Dual	53.00	5.92					
15	25-29	Former	49.00	5.47			4.22	11.00	22.45
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	220.00	24.04	11.00	3.64			
15	30-34	Current MRTP	40.00	4.37					
15	30-34	Current Dual	42.00	4.59					
15	30-34	Former	88.00	9.62			6.80	14.00	15.91
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	228.00	23.80	22.00	7.28			
15	35-39	Current MRTP	43.00	4.49					
15	35-39	Current Dual	31.00	3.24					
15	35-39	Former	166.00	17.33			10.77	14.00	8.43
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	275.00	25.61	27.00	8.28			
15	40-44	Current MRTP	35.00	3.26					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	260.00	24.21			12.70	15.00	5.77
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	259.00	23.92	39.00	12.87			
15	45-49	Current MRTP	33.00	3.05					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	302.00	27.89			14.70	12.00	3.97
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	216.00	22.20	28.00	11.07			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	314.00	32.27			18.53	13.00	4.14
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	37.00	16.67			
15	55-59	Current MRTP	27.00	3.14					
15	55-59	Current Dual	13.00	1.51					
15	55-59	Former	329.00	38.30			20.10	18.00	5.47
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.34			
15	60-64	Current MRTP	27.00	4.29					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	257.00	40.79			22.73	12.00	4.67
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	31.00	23.31			
15	65-69	Current MRTP	12.00	2.29					
15	65-69	Current Dual	10.00	1.91					
15	65-69	Former	236.00	45.04			22.75	9.00	3.81
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	34.00	28.81			
15	70-74	Current MRTP	20.00	3.88					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	256.00	49.71			24.78	8.00	3.13
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	40.00	35.09			
15	75-79	Current MRTP	19.00	3.80					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	266.00	53.20			25.98	12.00	4.51
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1658.00	19.67	351.00	15.56			

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	364.00	4.32					
20	All Ages	Current Dual	234.00	2.78					
20	All Ages	Former	2451.00	29.09			19.72	147.00	6.00
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	163.00	18.19	5.00	1.90			
20	30-34	Current MRTP	51.00	5.69					
20	30-34	Current Dual	49.00	5.47					
20	30-34	Former	86.00	9.60			6.06	16.00	18.60
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	192.00	20.98	13.00	4.55			
20	35-39	Current MRTP	50.00	5.46					
20	35-39	Current Dual	44.00	4.81					
20	35-39	Former	114.00	12.46			8.86	15.00	13.16
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	203.00	21.19	26.00	9.22			
20	40-44	Current MRTP	45.00	4.70					
20	40-44	Current Dual	34.00	3.55					
20	40-44	Former	186.00	19.42			13.60	12.00	6.45
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	251.00	23.37	34.00	11.18			
20	45-49	Current MRTP	35.00	3.26					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	282.00	26.26			15.68	15.00	5.32
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	220.00	20.31	51.00	18.41			
20	50-54	Current MRTP	41.00	3.79					
20	50-54	Current Dual	16.00	1.48					
20	50-54	Former	328.00	30.29			17.41	14.00	4.27
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	187.00	19.22	37.00	15.88			
20	55-59	Current MRTP	30.00	3.08					
20	55-59	Current Dual	16.00	1.64					
20	55-59	Former	334.00	34.33			21.19	14.00	4.19
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	22.86			
20	60-64	Current MRTP	30.00	3.49					

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	19.00	2.21					
20	60-64	Former	341.00	39.70			22.42	17.00	4.99

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	118.00	18.73	41.00	25.79			
20	65-69	Current MRTP	33.00	5.24					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	279.00	44.29			23.71	19.00	6.81

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	46.00	35.66			
20	70-74	Current MRTP	23.00	4.39					
20	70-74	Current Dual	12.00	2.29					
20	70-74	Former	240.00	45.80			25.33	12.00	5.00

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	69.00	13.40	50.00	44.25			
20	75-79	Current MRTP	26.00	5.05					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	261.00	50.68			25.80	13.00	4.98

****

Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.925	342.291	0.110	0.278	4656.77	1841.55	1836.44	5.114
1994	305700	120480.723	119966.754	513.969	0.168	0.427	4482.57	1766.64	1759.11	7.536
1995	303225	118666.569	117910.077	756.492	0.249	0.637	4361.58	1706.89	1696.01	10.881
1996	299559	116607.195	115649.871	957.323	0.320	0.821	4242.85	1651.58	1638.03	13.559
1997	294226	114665.051	113559.315	1105.736	0.376	0.964	4100.64	1598.09	1582.68	15.411
1998	289258	113038.380	111702.009	1336.371	0.462	1.182	3966.28	1549.97	1531.65	18.324
1999	311002	117067.463	115261.365	1806.097	0.581	1.543	4198.14	1580.27	1555.89	24.380
2000	303786	114977.407	112958.551	2018.857	0.665	1.756	4041.13	1529.49	1502.64	26.856
2001	296294	113047.319	110863.075	2184.244	0.737	1.932	3890.54	1484.39	1455.71	28.681
2002	291898	111744.742	109350.689	2394.053	0.820	2.142	3789.34	1450.64	1419.56	31.079
2003	285865	110551.854	107945.157	2606.696	0.912	2.358	3671.31	1419.80	1386.32	33.477
2004	274177	107418.262	104759.826	2658.435	0.970	2.475	3481.92	1364.16	1330.40	33.761
2005	272379	107678.770	104844.619	2834.151	1.041	2.632	3417.44	1351.01	1315.45	35.559
2006	264118	104357.806	101484.461	2873.345	1.088	2.753	3281.83	1296.71	1261.01	35.703
2007	258419	102690.449	99672.661	3017.788	1.168	2.939	3176.05	1262.10	1225.01	37.090
2008	259461	103492.166	100081.623	3410.543	1.314	3.295	3150.91	1256.82	1215.40	41.418
2009	253907	101384.044	97726.503	3657.540	1.441	3.608	3045.20	1215.94	1172.07	43.866

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238588.293	34655.39	0.596	1.524	3927.78	1535.76	1512.35	23.412

****

Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.726	66.386	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.132	102.672	0.133	0.166	1135.48	906.276	904.771	1.506
1995	76904	61145.799	60992.076	153.724	0.200	0.251	1106.18	879.519	877.307	2.211
1996	76232	60385.323	60191.611	193.711	0.254	0.321	1079.72	855.277	852.533	2.744
1997	75473	59549.806	59338.734	211.072	0.280	0.354	1051.87	829.947	827.005	2.942
1998	75381	59292.315	58999.876	292.439	0.388	0.493	1033.62	813.010	809.000	4.010
1999	73159	57398.351	57035.852	362.500	0.495	0.632	987.557	774.807	769.914	4.893
2000	73784	57716.549	57270.721	445.828	0.604	0.772	981.515	767.777	761.846	5.931
2001	73294	57211.877	56711.655	500.223	0.682	0.874	962.399	751.230	744.662	6.568
2002	72442	56438.810	55886.587	552.223	0.762	0.978	940.422	732.673	725.505	7.169
2003	71942	55948.341	55367.932	580.409	0.807	1.037	923.937	718.533	711.079	7.454
2004	71301	55339.218	54729.560	609.658	0.855	1.102	905.490	702.783	695.040	7.742
2005	70964	54964.459	54333.093	631.366	0.890	1.149	890.360	689.620	681.698	7.922
2006	69658	53781.526	53155.413	626.114	0.899	1.164	865.543	668.268	660.489	7.780
2007	68565	52784.985	52131.974	653.011	0.952	1.237	842.687	648.745	640.719	8.026
2008	68226	52470.692	51710.306	760.386	1.115	1.449	828.542	637.208	627.974	9.234
2009	67509	51823.021	50996.924	826.097	1.224	1.594	809.661	621.533	611.626	9.908

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152380.620	7607.909	0.515	0.656	997.213	783.665	778.525	5.140

****

Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.568	208.232	0.127	0.587	2455.45	529.744	526.633	3.111
1994	159866	34293.631	33992.130	301.502	0.189	0.879	2344.16	502.857	498.436	4.421
1995	158083	33531.695	33097.433	434.261	0.275	1.295	2273.86	482.318	476.072	6.246
1996	154875	32438.163	31893.462	544.701	0.352	1.679	2193.60	459.443	451.728	7.715
1997	149970	31179.663	30541.630	638.032	0.425	2.046	2090.14	434.552	425.659	8.892
1998	145407	29860.736	29145.952	714.784	0.492	2.394	1993.81	409.447	399.646	9.801
1999	165952	34413.904	33408.401	1005.503	0.606	2.922	2240.15	464.545	450.972	13.573
2000	160260	33265.290	32192.734	1072.557	0.669	3.224	2131.87	442.513	428.245	14.268
2001	154444	32074.102	30934.583	1139.519	0.738	3.553	2027.95	421.154	406.192	14.963
2002	151887	31817.956	30575.496	1242.460	0.818	3.905	1971.76	413.052	396.923	16.129
2003	146733	31025.931	29635.424	1390.507	0.948	4.482	1884.46	398.460	380.602	17.858
2004	138381	29503.602	28081.973	1421.629	1.027	4.818	1757.38	374.682	356.628	18.054
2005	135881	29077.894	27557.210	1520.684	1.119	5.230	1704.85	364.830	345.751	19.079
2006	131922	28385.448	26790.182	1595.265	1.209	5.620	1639.21	352.707	332.884	19.822
2007	126502	27327.625	25651.105	1676.520	1.325	6.135	1554.75	335.866	315.261	20.605
2008	125859	27025.472	25201.755	1823.717	1.449	6.748	1528.44	328.199	306.052	22.147
2009	122428	26361.626	24404.467	1957.159	1.599	7.424	1468.33	316.165	292.692	23.473

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619560.425	18796.25	0.627	2.944	2024.64	431.261	418.563	12.698

****

Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 13 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.083	35.054	0.107	0.794	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.149	54.747	0.164	1.223	488.625	65.617	64.814	0.803
1995	33569	4476.290	4393.836	82.454	0.246	1.842	482.855	64.387	63.201	1.186
1996	33870	4489.078	4378.838	110.240	0.325	2.456	479.723	63.582	62.020	1.561
1997	33516	4444.866	4305.596	139.270	0.416	3.133	467.113	61.948	60.007	1.941
1998	32795	4313.427	4171.619	141.808	0.432	3.288	449.682	59.145	57.201	1.944
1999	33375	4232.739	4066.578	166.160	0.498	3.926	450.521	57.137	54.894	2.243
2000	33459	4307.577	4134.278	173.299	0.518	4.023	445.090	57.302	54.996	2.305
2001	32275	4136.308	3965.018	171.291	0.531	4.141	423.792	54.312	52.063	2.249
2002	31586	4079.175	3902.920	176.254	0.558	4.321	410.041	52.955	50.667	2.288
2003	30985	4096.221	3882.191	214.030	0.691	5.225	397.934	52.607	49.858	2.749
2004	29884	4034.217	3816.619	217.598	0.728	5.394	379.513	51.233	48.469	2.763
2005	28708	3944.303	3718.639	225.664	0.786	5.721	360.189	49.488	46.656	2.831
2006	28188	3970.169	3724.213	245.956	0.873	6.195	350.253	49.332	46.276	3.056
2007	28026	3957.558	3687.091	270.466	0.965	6.834	344.449	48.640	45.316	3.324
2008	27128	3812.302	3541.418	270.883	0.999	7.106	329.444	46.297	43.007	3.290
2009	27068	3827.467	3520.446	307.021	1.134	8.022	324.637	45.904	42.222	3.682

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81441.417	3016.087	0.480	3.571	424.421	57.058	55.020	2.038

****

Main Results for E-Component Summarized over Simulations for Run: 13

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.549	32.620	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.344	55.049	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.732	86.052	0.248	0.441	498.677	280.671	279.433	1.238
1996	34582	19294.631	19185.960	108.671	0.314	0.563	489.808	273.283	271.743	1.539
1997	35267	19490.717	19373.354	117.362	0.333	0.602	491.517	271.643	270.007	1.636
1998	35675	19571.902	19384.562	187.340	0.525	0.957	489.172	268.368	265.799	2.569
1999	38516	21022.469	20750.534	271.934	0.706	1.294	519.919	283.777	280.107	3.671
2000	36283	19687.992	19360.819	327.173	0.902	1.662	482.656	261.900	257.548	4.352
2001	36281	19625.032	19251.819	373.212	1.029	1.902	476.394	257.690	252.789	4.901
2002	35983	19408.801	18985.685	423.116	1.176	2.180	467.122	251.960	246.467	5.493
2003	36205	19481.360	19059.610	421.750	1.165	2.165	464.974	250.195	244.779	5.416
2004	34611	18541.224	18131.675	409.550	1.183	2.209	439.544	235.465	230.264	5.201
2005	36826	19692.114	19235.676	456.437	1.239	2.318	462.043	247.070	241.343	5.727
2006	34350	18220.663	17814.653	406.010	1.182	2.228	426.820	226.403	221.358	5.045
2007	35326	18620.282	18202.491	417.790	1.183	2.244	434.168	228.849	223.715	5.135
2008	38248	20183.701	19628.144	555.556	1.453	2.752	464.487	245.112	238.366	6.747
2009	36902	19371.930	18804.667	567.263	1.537	2.928	442.580	232.335	225.532	6.803

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385205.831	5235.143	0.735	1.341	481.512	263.774	260.237	3.537

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160414_143236
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	
40. Definition of short-term MRTP	

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STP values for Run: 14, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 14, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		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 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 14, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 14, Scenario: MRTP

Variable	**Parameter**	**Value**
1.	Country	US (United States)
2.	Sex	F (Females)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	110.00	1.21					
5	All Ages	Current Dual	71.00	0.78					
5	All Ages	Former	1992.00	21.94			14.74	111.00	5.57

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 14 (APPENDIX_5_Varying_STP_Factor_1_4.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	1.17			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	8.00	4.35			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	15.00	24.59			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	5.00	1.03					
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	1856.00	20.38	187.00	8.50			
10	All Ages	Current MRTP	222.00	2.44					
10	All Ages	Current Dual	123.00	1.35					
10	All Ages	Former	2010.00	22.07			16.22	111.00	5.52

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	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	18.00	2.21			2.61	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.87			
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			4.96	12.00	22.64

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	188.00	22.62	13.00	5.65			
10	30-34	Current MRTP	24.00	2.89					
10	30-34	Current Dual	18.00	2.17					
10	30-34	Former	160.00	19.25			8.87	13.00	8.13

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	25.00	8.53			
10	35-39	Current MRTP	22.00	2.20					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	196.00	19.62			11.19	8.00	4.08

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	18.00	6.27			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.92			
10	50-54	Current MRTP	16.00	1.97					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	215.00	26.51			14.66	9.00	4.19
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	17.00	11.81			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	6.00	0.97					
10	55-59	Former	176.00	28.34			18.44	6.00	3.41
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	89.00	18.24	12.00	12.12			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	139.00	28.48			23.78	5.00	3.60
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1569.00	18.31	239.00	11.84			
15	All Ages	Current MRTP	276.00	3.22					
15	All Ages	Current Dual	173.00	2.02					
15	All Ages	Former	2029.00	23.68			17.40	124.00	6.11
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	40.00	4.92					
15	25-29	Former	37.00	4.55			3.97	14.00	37.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	189.00	22.39	10.00	3.64			
15	30-34	Current MRTP	53.00	6.28					
15	30-34	Current Dual	33.00	3.91					
15	30-34	Former	79.00	9.36			6.89	14.00	17.72
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	162.00	19.49	22.00	10.38			
15	35-39	Current MRTP	29.00	3.49					
15	35-39	Current Dual	21.00	2.53					
15	35-39	Former	185.00	22.26			11.79	11.00	5.95
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	12.13			
15	40-44	Current MRTP	26.00	2.60					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	217.00	21.72			14.14	10.00	4.61
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	229.00	20.41	25.00	9.19			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	12.00	1.07					
15	45-49	Former	289.00	25.76			15.02	11.00	3.81
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	30.00	16.13			
15	50-54	Current MRTP	21.00	2.16					
15	50-54	Current Dual	11.00	1.13					
15	50-54	Former	287.00	29.59			18.01	13.00	4.53
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current CC	135.00	16.65	25.00	15.82			
15	55-59	Current MRTP	15.00	1.85					
15	55-59	Current Dual	8.00	0.99					
15	55-59	Former	231.00	28.48			17.58	11.00	4.76
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	101.00	16.26	19.00	15.32			
15	60-64	Current MRTP	17.00	2.74					
15	60-64	Current Dual	6.00	0.97					
15	60-64	Former	196.00	31.56			20.34	9.00	4.59
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	95.00	17.76	24.00	21.43			
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			21.36	7.00	4.09
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	20.00	23.53			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	153.00	31.35			23.54	12.00	7.84
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	70.00	13.06	29.00	31.52			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	184.00	34.33			24.77	12.00	6.52
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	1325.00	16.49	262.00	14.70			

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	281.00	3.50					
20	All Ages	Current Dual	176.00	2.19					
20	All Ages	Former	2026.00	25.22			18.91	117.00	5.77
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	141.00	17.34	4.00	1.73			
20	30-34	Current MRTP	48.00	5.90					
20	30-34	Current Dual	42.00	5.17					
20	30-34	Former	61.00	7.50			5.85	13.00	21.31
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	162.00	19.19	10.00	3.97			
20	35-39	Current MRTP	56.00	6.64					
20	35-39	Current Dual	34.00	4.03					
20	35-39	Former	114.00	13.51			8.46	17.00	14.91
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	25.00	13.30			
20	40-44	Current MRTP	30.00	3.61					
20	40-44	Current Dual	18.00	2.17					
20	40-44	Former	209.00	25.15			14.78	7.00	3.35
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	202.00	20.22	38.00	15.02			
20	45-49	Current MRTP	26.00	2.60					
20	45-49	Current Dual	25.00	2.50					
20	45-49	Former	236.00	23.62			17.02	7.00	2.97
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	203.00	18.09	33.00	13.20			
20	50-54	Current MRTP	32.00	2.85					
20	50-54	Current Dual	15.00	1.34					
20	50-54	Former	311.00	27.72			17.86	15.00	4.82
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	133.00	13.71	38.00	22.75			
20	55-59	Current MRTP	24.00	2.47					
20	55-59	Current Dual	10.00	1.03					
20	55-59	Former	306.00	31.55			20.67	14.00	4.58
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	36.00	24.00			
20	60-64	Current MRTP	23.00	2.84					

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	13.00	1.60					
20	60-64	Former	239.00	29.47			20.60	10.00	4.18

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	89.00	14.33	24.00	21.05			
20	65-69	Current MRTP	19.00	3.06					
20	65-69	Current Dual	6.00	0.97					
20	65-69	Former	206.00	33.17			23.11	9.00	4.37

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	81.00	15.14	28.00	28.00			
20	70-74	Current MRTP	11.00	2.06					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.80	12.00	6.56

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	60.00	12.30	26.00	33.77			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	161.00	32.99			24.60	13.00	8.07

****

Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	-0.000	-0.000	-0.000	2876.55	824.768	824.768	-0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.214	75.025	0.037	0.120	2725.82	851.622	850.603	1.019
1995	201023	63132.954	63014.747	118.207	0.059	0.187	2687.54	844.043	842.463	1.580
1996	201180	64309.880	64226.060	83.820	0.042	0.130	2653.67	848.280	847.174	1.106
1997	198639	64547.894	64427.503	120.391	0.061	0.187	2583.39	839.475	837.909	1.566
1998	197573	65384.866	65145.322	239.544	0.121	0.366	2533.29	838.367	835.295	3.071
1999	211329	67554.762	67162.109	392.653	0.186	0.581	2673.14	854.513	849.547	4.967
2000	208496	68184.366	67681.781	502.586	0.241	0.737	2604.20	851.652	845.374	6.278
2001	203606	68286.060	67640.153	645.907	0.317	0.946	2514.65	843.372	835.395	7.977
2002	200828	68983.996	68276.304	707.692	0.352	1.026	2455.47	843.450	834.797	8.653
2003	196352	68717.830	67791.165	926.665	0.472	1.349	2377.49	832.057	820.837	11.220
2004	188160	67344.952	66112.142	1232.810	0.655	1.831	2254.66	806.974	792.201	14.772
2005	186416	67846.650	66417.582	1429.069	0.767	2.106	2208.07	803.634	786.707	16.927
2006	180088	66622.465	64745.705	1876.760	1.042	2.817	2113.55	781.893	759.867	22.026
2007	175644	65977.201	63770.132	2207.069	1.257	3.345	2039.92	766.256	740.624	25.633
2008	177570	67121.344	64724.477	2396.866	1.350	3.571	2039.03	770.751	743.228	27.523
2009	172806	66622.993	63868.073	2754.920	1.594	4.135	1961.22	756.123	724.856	31.266

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1286529.796	15786.57	0.405	1.212	2465.77	823.300	813.320	9.980

****

Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	-0.000	-0.000	-0.000	614.467	441.100	441.100	-0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.343	12.046	0.026	0.035	638.697	461.725	461.561	0.164
1995	47840	34566.580	34545.339	21.241	0.044	0.061	639.587	462.131	461.847	0.284
1996	48244	34997.958	34996.179	1.779	0.004	0.005	636.363	461.641	461.617	0.023
1997	49035	35549.658	35537.568	12.089	0.025	0.034	637.723	462.340	462.182	0.157
1998	49686	36138.033	36096.379	41.654	0.084	0.115	637.076	463.363	462.829	0.534
1999	48883	35506.142	35440.091	66.051	0.135	0.186	618.331	449.124	448.289	0.835
2000	50331	36573.306	36472.557	100.750	0.200	0.275	628.656	456.816	455.558	1.258
2001	50389	36733.445	36598.779	134.666	0.267	0.367	622.333	453.679	452.016	1.663
2002	51445	37627.700	37467.257	160.444	0.312	0.426	629.005	460.065	458.103	1.962
2003	51408	37552.784	37318.392	234.392	0.456	0.624	622.464	454.701	451.863	2.838
2004	51399	37527.823	37193.709	334.114	0.650	0.890	615.898	449.684	445.681	4.004
2005	51421	37486.186	37100.829	385.357	0.749	1.028	609.074	444.018	439.454	4.564
2006	51355	37409.496	36855.268	554.228	1.079	1.482	602.712	439.045	432.540	6.505
2007	51839	37602.867	36926.891	675.976	1.304	1.798	602.056	436.718	428.867	7.851
2008	50976	36986.957	36278.446	708.511	1.390	1.916	585.355	424.719	416.584	8.136
2009	51193	37201.944	36345.276	856.668	1.673	2.303	581.003	422.215	412.493	9.723

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707586.561	4318.278	0.440	0.607	619.890	450.053	447.323	2.730

****

Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12081.910	46.666	0.051	0.385	1233.90	164.759	164.125	0.634
1995	89698	11958.696	11893.042	65.654	0.073	0.549	1199.20	159.879	159.002	0.878
1996	88286	12020.749	11946.247	74.502	0.084	0.620	1164.54	158.560	157.577	0.983
1997	84777	11593.724	11497.976	95.748	0.113	0.826	1102.56	150.782	149.536	1.245
1998	82517	11337.035	11189.525	147.510	0.179	1.301	1058.04	145.364	143.472	1.891
1999	93939	13027.458	12782.333	245.125	0.261	1.882	1188.25	164.787	161.686	3.101
2000	90039	12607.547	12334.551	272.996	0.303	2.165	1124.63	157.474	154.064	3.410
2001	86119	12350.451	11999.239	351.212	0.408	2.844	1063.62	152.535	148.198	4.338
2002	83014	12112.097	11729.833	382.263	0.460	3.156	1014.99	148.092	143.418	4.674
2003	79302	11683.252	11238.992	444.260	0.560	3.803	960.214	141.465	136.085	5.379
2004	73861	11139.095	10588.813	550.282	0.745	4.940	885.053	133.476	126.882	6.594
2005	71649	10884.683	10269.510	615.173	0.859	5.652	848.672	128.927	121.641	7.287
2006	67551	10397.565	9667.354	730.211	1.081	7.023	792.791	122.028	113.458	8.570
2007	63503	9785.831	8957.046	828.785	1.305	8.469	737.521	113.652	104.027	9.625
2008	63171	9922.524	9025.396	897.128	1.420	9.041	725.389	113.940	103.638	10.302
2009	59747	9483.598	8517.837	965.760	1.616	10.183	678.085	107.632	96.671	10.961

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225733.651	6748.899	0.409	2.903	1043.56	146.971	142.705	4.267

****

Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 14 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.131	13.267	0.040	0.419	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.384	20.890	0.062	0.653	450.946	42.785	42.506	0.279
1996	33750	3234.738	3209.110	25.629	0.076	0.792	445.180	42.668	42.330	0.338
1997	33699	3240.665	3214.926	25.738	0.076	0.794	438.271	42.146	41.812	0.335
1998	33274	3171.578	3128.965	42.613	0.128	1.344	426.640	40.666	40.120	0.546
1999	33891	3153.786	3087.904	65.882	0.194	2.089	428.694	39.893	39.060	0.833
2000	33827	3237.043	3151.693	85.350	0.252	2.637	422.514	40.432	39.366	1.066
2001	32506	3110.972	3003.492	107.480	0.331	3.455	401.468	38.422	37.095	1.327
2002	32078	3123.298	3001.112	122.186	0.381	3.912	392.210	38.188	36.694	1.494
2003	30568	3025.984	2886.593	139.391	0.456	4.606	370.127	36.640	34.952	1.688
2004	29388	2983.453	2803.977	179.477	0.611	6.016	352.147	35.750	33.599	2.151
2005	27954	2926.679	2725.196	201.483	0.721	6.884	331.111	34.666	32.280	2.387
2006	27201	2889.308	2653.459	235.849	0.867	8.163	319.236	33.909	31.141	2.768
2007	26302	2810.025	2538.355	271.670	1.033	9.668	305.470	32.636	29.480	3.155
2008	25998	2773.025	2488.086	284.939	1.096	10.275	298.534	31.843	28.571	3.272
2009	25040	2723.293	2407.656	315.637	1.261	11.590	284.186	30.907	27.325	3.582

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59144.056	2147.687	0.344	3.504	394.195	38.747	37.390	1.358

****

Main Results for E-Component Summarized over Simulations for Run: 14

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	-0.000	-0.000	-0.000	356.071	155.671	155.671	-0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.830	3.046	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.982	10.422	0.035	0.078	397.803	179.248	179.108	0.139
1996	30900	14056.435	14074.525	-18.090	-0.059	-0.129	407.587	185.412	185.650	-0.239
1997	31128	14163.848	14177.032	-13.184	-0.042	-0.093	404.834	184.207	184.379	-0.171
1998	32096	14738.220	14730.454	7.767	0.024	0.053	411.536	188.974	188.874	0.100
1999	34616	15867.376	15851.781	15.595	0.045	0.098	437.865	200.710	200.512	0.197
2000	34299	15766.470	15722.980	43.490	0.127	0.276	428.409	196.930	196.387	0.543
2001	34592	16091.193	16038.644	52.549	0.152	0.327	427.231	198.736	198.087	0.649
2002	34291	16120.902	16078.102	42.800	0.125	0.265	419.268	197.106	196.583	0.523
2003	35074	16455.810	16347.187	108.623	0.310	0.660	424.687	199.252	197.937	1.315
2004	33512	15694.580	15525.643	168.937	0.504	1.076	401.564	188.063	186.039	2.024
2005	35392	16549.102	16322.047	227.055	0.642	1.372	419.213	196.022	193.332	2.689
2006	33981	15926.096	15569.624	356.472	1.049	2.238	398.807	186.912	182.728	4.184
2007	34000	15778.477	15347.839	430.638	1.267	2.729	394.875	183.251	178.249	5.001
2008	37425	17438.838	16932.549	506.289	1.353	2.903	429.749	200.249	194.436	5.814
2009	36826	17214.158	16597.304	616.854	1.675	3.583	417.948	195.368	188.367	7.001

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	294065.528	2571.705	0.398	0.867	408.132	187.528	185.903	1.626

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	1

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STP values for Run: 15, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 15, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		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 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 15, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

****

Main Output for the Smoking History Summarized over Simulations for Run: 15, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2461.00	26.82	145.00	5.41			
5	All Ages	Current MRTP	132.00	1.44					
5	All Ages	Current Dual	86.00	0.94					
5	All Ages	Former	2597.00	28.30			15.50	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	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 15 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	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	22.00	19.13
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.98			
5	35-39	Current MRTP	11.00	1.02					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	253.00	23.36			7.78	20.00	7.91
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	234.00	27.24	11.00	4.38			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	300.00	34.92			13.74	10.00	3.33
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2259.00	24.10	243.00	8.98			
10	All Ages	Current MRTP	272.00	2.90					
10	All Ages	Current Dual	176.00	1.88					
10	All Ages	Former	2595.00	27.68			17.23	163.00	6.28

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	168.00	18.75	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	22.00	2.46			1.95	10.00	45.45

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	1.65			
10	25-29	Current MRTP	28.00	3.06					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	59.00	6.45			4.93	16.00	27.12

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	11.00	3.47			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	142.00	14.82			8.01	13.00	9.15

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	20.00	5.57			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	478.00	44.14					
10	40-44	Current CC	285.00	26.32	27.00	8.49			
10	40-44	Current MRTP	24.00	2.22					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	287.00	26.50			10.94	22.00	7.67

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	256.00	26.31	22.00	7.86			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	287.00	29.50			15.80	14.00	4.88

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	308.00	35.86					
10	50-54	Current CC	207.00	24.10	29.00	12.08			
10	50-54	Current MRTP	21.00	2.44					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.13	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1979.00	22.17	305.00	11.99			
15	All Ages	Current MRTP	368.00	4.12					
15	All Ages	Current Dual	197.00	2.21					
15	All Ages	Former	2515.00	28.17			18.76	139.00	5.53
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	174.00	19.42	2.00	0.70			
15	25-29	Current MRTP	60.00	6.70					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	45.00	5.02			4.27	10.00	22.22
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	219.00	23.93	11.00	3.64			
15	30-34	Current MRTP	43.00	4.70					
15	30-34	Current Dual	40.00	4.37					
15	30-34	Former	88.00	9.62			6.66	16.00	18.18
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	22.00	7.26			
15	35-39	Current MRTP	47.00	4.91					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	165.00	17.22			10.72	16.00	9.70
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	15.00	1.40					
15	40-44	Former	262.00	24.39			12.64	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	257.00	23.73	40.00	13.07			
15	45-49	Current MRTP	38.00	3.51					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	299.00	27.61			14.82	10.00	3.34
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current CC	215.00	22.10	27.00	10.76			
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			18.46	13.00	4.11
Year of Follow-up: 2005, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current CC	181.00	21.07	38.00	17.04			
15	55-59	Current MRTP	30.00	3.49					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	328.00	38.18			20.16	18.00	5.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.02			
15	60-64	Current MRTP	30.00	4.76					
15	60-64	Current Dual	5.00	0.79					
15	60-64	Former	254.00	40.32			22.97	12.00	4.72
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	109.00	20.80	28.00	21.54			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	239.00	45.61			22.49	10.00	4.18
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	87.00	16.89	35.00	29.17			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	254.00	49.32			24.91	8.00	3.15
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1640.00	19.46	350.00	15.41			

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	411.00	4.88					
20	All Ages	Current Dual	220.00	2.61					
20	All Ages	Former	2436.00	28.91			19.80	145.00	5.95
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	161.00	17.97	6.00	2.22			
20	30-34	Current MRTP	61.00	6.81					
20	30-34	Current Dual	48.00	5.36					
20	30-34	Former	79.00	8.82			6.05	15.00	18.99
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	13.00	4.56			
20	35-39	Current MRTP	55.00	6.01					
20	35-39	Current Dual	40.00	4.37					
20	35-39	Former	115.00	12.57			8.71	15.00	13.04
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	199.00	20.77	26.00	9.19			
20	40-44	Current MRTP	51.00	5.32					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	185.00	19.31			13.55	11.00	5.95
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	488.00	45.44					
20	45-49	Current CC	248.00	23.09	33.00	10.93			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	17.00	1.58					
20	45-49	Former	284.00	26.44			15.63	15.00	5.28
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	50.00	17.73			
20	50-54	Current MRTP	50.00	4.62					
20	50-54	Current Dual	15.00	1.39					
20	50-54	Former	323.00	29.82			17.60	14.00	4.33
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	186.00	19.12	36.00	15.52			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	335.00	34.43			21.19	14.00	4.18
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current CC	161.00	18.74	48.00	22.64			
20	60-64	Current MRTP	34.00	3.96					

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	339.00	39.46			22.55	17.00	5.01

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.54			
20	65-69	Current MRTP	37.00	5.87					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	276.00	43.81			23.90	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	93.00	17.75	44.00	34.38			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	241.00	45.99			25.26	12.00	4.98

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	68.00	13.20	51.00	44.35			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	259.00	50.29			25.88	14.00	5.41

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122925.644	343.572	0.110	0.279	4656.77	1841.55	1836.42	5.133
1994	305700	120480.723	119964.732	515.992	0.169	0.428	4482.57	1766.64	1759.08	7.566
1995	303225	118666.569	117905.271	761.298	0.251	0.642	4361.58	1706.89	1695.94	10.950
1996	299559	116607.195	115642.547	964.648	0.322	0.827	4242.85	1651.58	1637.92	13.663
1997	294226	114665.051	113551.555	1113.496	0.378	0.971	4100.64	1598.09	1582.57	15.519
1998	289258	113038.380	111692.781	1345.599	0.465	1.190	3966.28	1549.97	1531.52	18.451
1999	311002	117067.463	115248.661	1818.802	0.585	1.554	4198.14	1580.27	1555.72	24.552
2000	303786	114977.407	112933.374	2044.033	0.673	1.778	4041.13	1529.49	1502.30	27.191
2001	296294	113047.319	110827.070	2220.249	0.749	1.964	3890.54	1484.39	1455.23	29.153
2002	291898	111744.742	109309.194	2435.548	0.834	2.180	3789.34	1450.64	1419.02	31.618
2003	285865	110551.854	107892.272	2659.582	0.930	2.406	3671.31	1419.80	1385.64	34.156
2004	274177	107418.262	104697.225	2721.037	0.992	2.533	3481.92	1364.16	1329.61	34.556
2005	272379	107678.770	104757.204	2921.565	1.073	2.713	3417.44	1351.01	1314.35	36.656
2006	264118	104357.806	101381.806	2976.001	1.127	2.852	3281.83	1296.71	1259.73	36.979
2007	258419	102690.449	99568.946	3121.503	1.208	3.040	3176.05	1262.10	1223.74	38.364
2008	259461	103492.166	99968.164	3524.002	1.358	3.405	3150.91	1256.82	1214.02	42.796
2009	253907	101384.044	97595.766	3788.277	1.492	3.737	3045.20	1215.94	1170.50	45.434

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2237787.022	35456.66	0.610	1.560	3927.78	1535.76	1511.80	23.954

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.677	66.434	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.037	102.767	0.133	0.166	1135.48	906.276	904.769	1.507
1995	76904	61145.799	60991.820	153.979	0.200	0.252	1106.18	879.519	877.304	2.215
1996	76232	60385.323	60191.280	194.042	0.255	0.321	1079.72	855.277	852.529	2.748
1997	75473	59549.806	59338.391	211.415	0.280	0.355	1051.87	829.947	827.001	2.946
1998	75381	59292.315	58999.352	292.962	0.389	0.494	1033.62	813.010	808.993	4.017
1999	73159	57398.351	57035.352	362.999	0.496	0.632	987.557	774.807	769.907	4.900
2000	73784	57716.549	57269.024	447.524	0.607	0.775	981.515	767.777	761.824	5.953
2001	73294	57211.877	56709.028	502.849	0.686	0.879	962.399	751.230	744.627	6.603
2002	72442	56438.810	55883.303	555.507	0.767	0.984	940.422	732.673	725.462	7.211
2003	71942	55948.341	55362.781	585.561	0.814	1.047	923.937	718.533	711.013	7.520
2004	71301	55339.218	54722.259	616.960	0.865	1.115	905.490	702.783	694.948	7.835
2005	70964	54964.459	54318.654	645.805	0.910	1.175	890.360	689.620	681.517	8.103
2006	69658	53781.526	53136.017	645.510	0.927	1.200	865.543	668.268	660.248	8.021
2007	68565	52784.985	52112.178	672.807	0.981	1.275	842.687	648.745	640.476	8.269
2008	68226	52470.692	51688.450	782.243	1.147	1.491	828.542	637.208	627.708	9.500
2009	67509	51823.021	50972.156	850.865	1.260	1.642	809.661	621.533	611.329	10.205

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152258.210	7730.319	0.524	0.666	997.213	783.665	778.443	5.222

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35250.419	209.381	0.127	0.590	2455.45	529.744	526.616	3.128
1994	159866	34293.631	33990.376	303.255	0.190	0.884	2344.16	502.857	498.411	4.447
1995	158083	33531.695	33093.201	438.494	0.277	1.308	2273.86	482.318	476.011	6.307
1996	154875	32438.163	31886.875	551.288	0.356	1.700	2193.60	459.443	451.635	7.808
1997	149970	31179.663	30534.625	645.038	0.430	2.069	2090.14	434.552	425.562	8.990
1998	145407	29860.736	29137.811	722.925	0.497	2.421	1993.81	409.447	399.535	9.913
1999	165952	34413.904	33396.746	1017.159	0.613	2.956	2240.15	464.545	450.815	13.730
2000	160260	33265.290	32171.229	1094.061	0.683	3.289	2131.87	442.513	427.959	14.554
2001	154444	32074.102	30903.949	1170.152	0.758	3.648	2027.95	421.154	405.789	15.365
2002	151887	31817.956	30541.132	1276.824	0.841	4.013	1971.76	413.052	396.477	16.575
2003	146733	31025.931	29593.489	1432.442	0.976	4.617	1884.46	398.460	380.063	18.397
2004	138381	29503.602	28034.541	1469.061	1.062	4.979	1757.38	374.682	356.026	18.656
2005	135881	29077.894	27497.478	1580.416	1.163	5.435	1704.85	364.830	345.001	19.829
2006	131922	28385.448	26723.954	1661.494	1.259	5.853	1639.21	352.707	332.061	20.645
2007	126502	27327.625	25585.834	1741.791	1.377	6.374	1554.75	335.866	314.458	21.407
2008	125859	27025.472	25130.975	1894.497	1.505	7.010	1528.44	328.199	305.192	23.007
2009	122428	26361.626	24322.630	2038.996	1.665	7.735	1468.33	316.165	291.711	24.454

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619000.184	19356.49	0.646	3.032	2024.64	431.261	418.184	13.077

****

Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 15 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.008	35.128	0.107	0.796	491.442	65.944	65.419	0.525
1994	33323	4474.895	4419.992	54.903	0.165	1.227	488.625	65.617	64.812	0.805
1995	33569	4476.290	4393.551	82.739	0.246	1.848	482.855	64.387	63.197	1.190
1996	33870	4489.078	4378.443	110.635	0.327	2.465	479.723	63.582	62.015	1.567
1997	33516	4444.866	4305.159	139.708	0.417	3.143	467.113	61.948	60.001	1.947
1998	32795	4313.427	4171.023	142.404	0.434	3.301	449.682	59.145	57.193	1.953
1999	33375	4232.739	4065.931	166.807	0.500	3.941	450.521	57.137	54.885	2.252
2000	33459	4307.577	4132.448	175.129	0.523	4.066	445.090	57.302	54.972	2.330
2001	32275	4136.308	3962.542	173.767	0.538	4.201	423.792	54.312	52.031	2.282
2002	31586	4079.175	3899.475	179.699	0.569	4.405	410.041	52.955	50.622	2.333
2003	30985	4096.221	3877.499	218.722	0.706	5.340	397.934	52.607	49.798	2.809
2004	29884	4034.217	3810.574	223.643	0.748	5.544	379.513	51.233	48.393	2.840
2005	28708	3944.303	3711.248	233.054	0.812	5.909	360.189	49.488	46.564	2.924
2006	28188	3970.169	3715.158	255.011	0.905	6.423	350.253	49.332	46.163	3.169
2007	28026	3957.558	3677.757	279.800	0.998	7.070	344.449	48.640	45.201	3.439
2008	27128	3812.302	3531.441	280.861	1.035	7.367	329.444	46.297	42.886	3.411
2009	27068	3827.467	3508.328	319.139	1.179	8.338	324.637	45.904	42.077	3.828

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81372.461	3085.042	0.491	3.653	424.421	57.058	54.974	2.084

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Main Results for E-Component Summarized over Simulations for Run: 15

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.540	32.629	0.091	0.159	536.514	306.437	305.949	0.487
1994	35074	19906.392	19851.326	55.066	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.699	86.086	0.248	0.441	498.677	280.671	279.433	1.238
1996	34582	19294.631	19185.948	108.682	0.314	0.563	489.808	273.283	271.743	1.539
1997	35267	19490.717	19373.380	117.336	0.333	0.602	491.517	271.643	270.007	1.635
1998	35675	19571.902	19384.594	187.308	0.525	0.957	489.172	268.368	265.800	2.568
1999	38516	21022.469	20750.631	271.837	0.706	1.293	519.919	283.777	280.108	3.669
2000	36283	19687.992	19360.672	327.319	0.902	1.663	482.656	261.900	257.546	4.354
2001	36281	19625.032	19251.551	373.480	1.029	1.903	476.394	257.690	252.786	4.904
2002	35983	19408.801	18985.283	423.517	1.177	2.182	467.122	251.960	246.462	5.498
2003	36205	19481.360	19058.504	422.856	1.168	2.171	464.974	250.195	244.765	5.431
2004	34611	18541.224	18129.851	411.374	1.189	2.219	439.544	235.465	230.241	5.224
2005	36826	19692.114	19229.824	462.290	1.255	2.348	462.043	247.070	241.270	5.800
2006	34350	18220.663	17806.677	413.986	1.205	2.272	426.820	226.403	221.259	5.144
2007	35326	18620.282	18193.177	427.105	1.209	2.294	434.168	228.849	223.600	5.249
2008	38248	20183.701	19617.298	566.402	1.481	2.806	464.487	245.112	238.234	6.878
2009	36902	19371.930	18792.653	579.277	1.570	2.990	442.580	232.335	225.388	6.947

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385156.167	5284.807	0.741	1.354	481.512	263.774	260.204	3.570

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	1

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STP values for Run: 16, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 16, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		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 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 16, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 16, Scenario: MRTP

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	113.00	1.24					
5	All Ages	Current Dual	69.00	0.76					
5	All Ages	Former	1991.00	21.93			14.75	110.00	5.52

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	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 16 (APPENDIX_5_Varying_STP_Factor_1_4.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	9.00	32.14
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	10.00	4.33			
5	25-29	Current MRTP	17.00	2.05					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	137.00	16.49			5.44	12.00	8.76
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	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	9.00	4.86			
5	45-49	Current MRTP	8.00	0.99					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	204.00	25.15			11.23	13.00	6.37
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	15.00	13.04			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	5.00	0.93					
5	65-69	Former	161.00	30.04			21.21	7.00	4.35
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	14.00	23.33			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	4.00	0.82					
5	75-79	Former	159.00	32.72			27.99	2.00	1.26

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4898.00	53.77					
10	All Ages	Current CC	1854.00	20.35	188.00	8.53			
10	All Ages	Current MRTP	231.00	2.54					
10	All Ages	Current Dual	119.00	1.31					
10	All Ages	Former	2007.00	22.03			16.24	109.00	5.43

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	30.00	3.69					
10	20-24	Current Dual	28.00	3.44					
10	20-24	Former	17.00	2.09			2.53	6.00	35.29

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.85			
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			5.06	11.00	21.57

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	15.00	6.49			
10	30-34	Current MRTP	27.00	3.25					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	159.00	19.13			8.92	11.00	6.92

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	510.00	51.05					
10	35-39	Current CC	254.00	25.43	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	263.00	23.44	19.00	6.62			
10	40-44	Current MRTP	18.00	1.60					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.86			
10	50-54	Current MRTP	18.00	2.22					
10	50-54	Current Dual	4.00	0.49					
10	50-54	Former	214.00	26.39			14.70	9.00	4.21
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	88.00	18.03	11.00	11.22			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	140.00	28.69			23.63	5.00	3.57
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	18.00	17.82			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	3.00	0.56					
10	70-74	Former	175.00	32.65			23.30	10.00	5.71
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	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	1559.00	18.19	237.00	11.79			
15	All Ages	Current MRTP	292.00	3.41					
15	All Ages	Current Dual	159.00	1.86					
15	All Ages	Former	2037.00	23.77			17.33	129.00	6.33
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	546.00	67.16					
15	25-29	Current CC	144.00	17.71	2.00	0.87			
15	25-29	Current MRTP	48.00	5.90					
15	25-29	Current Dual	39.00	4.80					
15	25-29	Former	36.00	4.43			3.86	14.00	38.89
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 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	188.00	22.27	9.00	3.27			
15	30-34	Current MRTP	56.00	6.64					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	79.00	9.36			6.72	15.00	18.99
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	160.00	19.25	24.00	11.43			
15	35-39	Current MRTP	32.00	3.85					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	187.00	22.50			11.66	12.00	6.42
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	34.00	12.45			
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			14.19	9.00	4.17
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	561.00	50.00					
15	45-49	Current CC	228.00	20.32	26.00	9.67			
15	45-49	Current MRTP	30.00	2.67					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	292.00	26.02			14.87	14.00	4.79
Year of Follow-up: 2005, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current CC	153.00	15.77	28.00	15.14			
15	50-54	Current MRTP	22.00	2.27					
15	50-54	Current Dual	10.00	1.03					
15	50-54	Former	288.00	29.69			17.97	12.00	4.17
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	25.00	15.72			
15	55-59	Current MRTP	19.00	2.34					
15	55-59	Current Dual	6.00	0.74					
15	55-59	Former	230.00	28.36			17.60	12.00	5.22
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	67.00	13.73	19.00	22.62			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	154.00	31.56			23.43	12.00	7.79
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	27.00	30.00			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	4.00	0.75					
15	75-79	Former	186.00	34.70			24.58	12.00	6.45
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	1307.00	16.27	260.00	14.63			

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	308.00	3.83					
20	All Ages	Current Dual	162.00	2.02					
20	All Ages	Former	2031.00	25.28			18.86	122.00	6.01

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	139.00	17.10	4.00	1.74			
20	30-34	Current MRTP	52.00	6.40					
20	30-34	Current Dual	39.00	4.80					
20	30-34	Former	62.00	7.63			5.63	13.00	20.97

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	160.00	18.96	10.00	3.95			
20	35-39	Current MRTP	60.00	7.11					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	113.00	13.39			8.40	18.00	15.93

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	27.00	14.29			
20	40-44	Current MRTP	34.00	4.09					
20	40-44	Current Dual	16.00	1.93					
20	40-44	Former	208.00	25.03			14.86	6.00	2.88

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	38.00	15.02			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	24.00	2.40					
20	45-49	Former	236.00	23.62			16.97	8.00	3.39

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	201.00	17.91	34.00	13.71			
20	50-54	Current MRTP	33.00	2.94					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	313.00	27.90			17.77	16.00	5.11

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current CC	131.00	13.51	34.00	20.48			
20	55-59	Current MRTP	27.00	2.78					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	307.00	31.65			20.64	14.00	4.56

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	37.00	24.50			
20	60-64	Current MRTP	28.00	3.45					

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	238.00	29.35			20.61	11.00	4.62

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	58.00	11.89	25.00	33.33			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	163.00	33.40			24.37	14.00	8.59

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.435	74.804	0.037	0.119	2725.82	851.622	850.606	1.016
1995	201023	63132.954	63011.238	121.716	0.061	0.193	2687.54	844.043	842.416	1.627
1996	201180	64309.880	64217.072	92.808	0.046	0.144	2653.67	848.280	847.056	1.224
1997	198639	64547.894	64415.565	132.329	0.067	0.205	2583.39	839.475	837.754	1.721
1998	197573	65384.866	65127.816	257.050	0.130	0.393	2533.29	838.367	835.071	3.296
1999	211329	67554.762	67148.167	406.595	0.192	0.602	2673.14	854.513	849.370	5.143
2000	208496	68184.366	67660.913	523.453	0.251	0.768	2604.20	851.652	845.114	6.538
2001	203606	68286.060	67612.286	673.775	0.331	0.987	2514.65	843.372	835.051	8.322
2002	200828	68983.996	68234.168	749.828	0.373	1.087	2455.47	843.450	834.282	9.168
2003	196352	68717.830	67738.140	979.691	0.499	1.426	2377.49	832.057	820.195	11.862
2004	188160	67344.952	66045.243	1299.709	0.691	1.930	2254.66	806.974	791.400	15.574
2005	186416	67846.650	66324.178	1522.472	0.817	2.244	2208.07	803.634	785.600	18.033
2006	180088	66622.465	64651.759	1970.706	1.094	2.958	2113.55	781.893	758.765	23.129
2007	175644	65977.201	63664.249	2312.952	1.317	3.506	2039.92	766.256	739.394	26.863
2008	177570	67121.344	64607.101	2514.243	1.416	3.746	2039.03	770.751	741.880	28.871
2009	172806	66622.993	63755.159	2867.834	1.660	4.305	1961.22	756.123	723.575	32.548

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1285739.815	16576.55	0.425	1.273	2465.77	823.300	812.821	10.479

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	**Value**
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.367	12.022	0.026	0.035	638.697	461.725	461.562	0.163
1995	47840	34566.580	34544.142	22.438	0.047	0.065	639.587	462.131	461.831	0.300
1996	48244	34997.958	34993.476	4.481	0.009	0.013	636.363	461.641	461.582	0.059
1997	49035	35549.658	35533.680	15.978	0.033	0.045	637.723	462.340	462.132	0.208
1998	49686	36138.033	36090.802	47.231	0.095	0.131	637.076	463.363	462.757	0.606
1999	48883	35506.142	35436.552	69.590	0.142	0.196	618.331	449.124	448.244	0.880
2000	50331	36573.306	36466.636	106.671	0.212	0.292	628.656	456.816	455.484	1.332
2001	50389	36733.445	36589.962	143.483	0.285	0.391	622.333	453.679	451.907	1.772
2002	51445	37627.700	37454.935	172.765	0.336	0.459	629.005	460.065	457.952	2.112
2003	51408	37552.784	37303.241	249.543	0.485	0.665	622.464	454.701	451.680	3.022
2004	51399	37527.823	37173.393	354.430	0.690	0.944	615.898	449.684	445.437	4.247
2005	51421	37486.186	37073.478	412.708	0.803	1.101	609.074	444.018	439.130	4.888
2006	51355	37409.496	36827.748	581.748	1.133	1.555	602.712	439.045	432.217	6.828
2007	51839	37602.867	36893.584	709.284	1.368	1.886	602.056	436.718	428.480	8.238
2008	50976	36986.957	36241.708	745.249	1.462	2.015	585.355	424.719	416.162	8.558
2009	51193	37201.944	36309.196	892.749	1.744	2.400	581.003	422.215	412.083	10.132

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707346.156	4558.683	0.465	0.640	619.890	450.053	447.171	2.882

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12082.075	46.501	0.051	0.383	1233.90	164.759	164.128	0.632
1995	89698	11958.696	11892.072	66.624	0.074	0.557	1199.20	159.879	158.989	0.891
1996	88286	12020.749	11943.477	77.272	0.088	0.643	1164.54	158.560	157.541	1.019
1997	84777	11593.724	11494.877	98.847	0.117	0.853	1102.56	150.782	149.496	1.286
1998	82517	11337.035	11184.859	152.176	0.184	1.342	1058.04	145.364	143.413	1.951
1999	93939	13027.458	12777.174	250.283	0.266	1.921	1188.25	164.787	161.621	3.166
2000	90039	12607.547	12327.121	280.426	0.311	2.224	1124.63	157.474	153.971	3.503
2001	86119	12350.451	11990.259	360.192	0.418	2.916	1063.62	152.535	148.087	4.449
2002	83014	12112.097	11714.638	397.459	0.479	3.282	1014.99	148.092	143.232	4.860
2003	79302	11683.252	11219.516	463.736	0.585	3.969	960.214	141.465	135.849	5.615
2004	73861	11139.095	10565.044	574.051	0.777	5.153	885.053	133.476	126.598	6.879
2005	71649	10884.683	10235.923	648.760	0.905	5.960	848.672	128.927	121.243	7.684
2006	67551	10397.565	9632.420	765.144	1.133	7.359	792.791	122.028	113.048	8.980
2007	63503	9785.831	8920.308	865.524	1.363	8.845	737.521	113.652	103.600	10.052
2008	63171	9922.524	8987.172	935.352	1.481	9.427	725.389	113.940	103.199	10.741
2009	59747	9483.598	8478.761	1004.836	1.682	10.596	678.085	107.632	96.228	11.404

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225459.742	7022.807	0.425	3.021	1043.56	146.971	142.531	4.440

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 16 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.157	13.241	0.040	0.418	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.081	21.193	0.063	0.662	450.946	42.785	42.502	0.283
1996	33750	3234.738	3208.121	26.617	0.079	0.823	445.180	42.668	42.317	0.351
1997	33699	3240.665	3213.640	27.025	0.080	0.834	438.271	42.146	41.795	0.351
1998	33274	3171.578	3126.921	44.656	0.134	1.408	426.640	40.666	40.093	0.573
1999	33891	3153.786	3085.513	68.273	0.201	2.165	428.694	39.893	39.029	0.864
2000	33827	3237.043	3148.781	88.262	0.261	2.727	422.514	40.432	39.330	1.102
2001	32506	3110.972	3000.940	110.032	0.338	3.537	401.468	38.422	37.063	1.359
2002	32078	3123.298	2996.530	126.767	0.395	4.059	392.210	38.188	36.638	1.550
2003	30568	3025.984	2880.528	145.456	0.476	4.807	370.127	36.640	34.878	1.761
2004	29388	2983.453	2797.126	186.327	0.634	6.245	352.147	35.750	33.517	2.233
2005	27954	2926.679	2715.421	211.258	0.756	7.218	331.111	34.666	32.164	2.502
2006	27201	2889.308	2642.064	247.244	0.909	8.557	319.236	33.909	31.008	2.902
2007	26302	2810.025	2525.877	284.148	1.080	10.112	305.470	32.636	29.335	3.300
2008	25998	2773.025	2475.673	297.352	1.144	10.723	298.534	31.843	28.428	3.414
2009	25040	2723.293	2395.166	328.127	1.310	12.049	284.186	30.907	27.183	3.724

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59055.558	2236.185	0.359	3.648	394.195	38.747	37.334	1.414

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Main Results for E-Component Summarized over Simulations for Run: 16

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.835	3.041	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13395.944	11.461	0.039	0.085	397.803	179.248	179.094	0.153
1996	30900	14056.435	14071.997	-15.562	-0.050	-0.111	407.587	185.412	185.617	-0.205
1997	31128	14163.848	14173.369	-9.521	-0.031	-0.067	404.834	184.207	184.331	-0.124
1998	32096	14738.220	14725.234	12.987	0.040	0.088	411.536	188.974	188.807	0.167
1999	34616	15867.376	15848.928	18.448	0.053	0.116	437.865	200.710	200.476	0.233
2000	34299	15766.470	15718.375	48.094	0.140	0.305	428.409	196.930	196.329	0.601
2001	34592	16091.193	16031.125	60.067	0.174	0.373	427.231	198.736	197.994	0.742
2002	34291	16120.902	16068.065	52.837	0.154	0.328	419.268	197.106	196.460	0.646
2003	35074	16455.810	16334.854	120.956	0.345	0.735	424.687	199.252	197.788	1.465
2004	33512	15694.580	15509.680	184.900	0.552	1.178	401.564	188.063	185.848	2.216
2005	35392	16549.102	16299.355	249.746	0.706	1.509	419.213	196.022	193.063	2.958
2006	33981	15926.096	15549.527	376.570	1.108	2.364	398.807	186.912	182.492	4.419
2007	34000	15778.477	15324.480	453.997	1.335	2.877	394.875	183.251	177.978	5.273
2008	37425	17438.838	16902.549	536.289	1.433	3.075	429.749	200.249	194.091	6.158
2009	36826	17214.158	16572.035	642.122	1.744	3.730	417.948	195.368	188.081	7.288

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293878.359	2758.874	0.427	0.930	408.132	187.528	185.784	1.744

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	3

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STP values for Run: 17, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 17, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		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 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 17, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 17, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2463.00	26.84	145.00	5.41			
5	All Ages	Current MRTP	131.00	1.43					
5	All Ages	Current Dual	86.00	0.94					
5	All Ages	Former	2596.00	28.29			15.51	148.00	5.70

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.29			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.72			
5	55-59	Current MRTP	5.00	0.95					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	220.00	41.98			16.88	14.00	6.36
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2262.00	24.13	242.00	8.95			
10	All Ages	Current MRTP	267.00	2.85					
10	All Ages	Current Dual	176.00	1.88					
10	All Ages	Former	2597.00	27.70			17.22	164.00	6.31

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	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	17.00	28.33

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	248.00	25.89	10.00	3.16			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	143.00	14.93			7.99	13.00	9.09

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	316.00	29.42	20.00	5.57			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	227.00	21.14			9.93	14.00	6.17

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	27.00	8.54			
10	40-44	Current MRTP	21.00	1.94					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	289.00	26.69			10.88	23.00	7.96

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	257.00	26.41	23.00	8.19			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	286.00	29.39			15.85	14.00	4.90

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.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	20.00	2.33					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.12	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	18.00	13.53			
10	60-64	Current MRTP	6.00	1.15					
10	60-64	Current Dual	7.00	1.34					
10	60-64	Former	236.00	45.04			19.50	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1984.00	22.22	303.00	11.94			
15	All Ages	Current MRTP	357.00	4.00					
15	All Ages	Current Dual	197.00	2.21					
15	All Ages	Former	2521.00	28.24			18.72	139.00	5.51
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	565.00	63.06					
15	25-29	Current CC	175.00	19.53	2.00	0.70			
15	25-29	Current MRTP	58.00	6.47					
15	25-29	Current Dual	52.00	5.80					
15	25-29	Former	46.00	5.13			4.22	10.00	21.74
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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	16.00	17.98
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	490.00	51.15					
15	35-39	Current CC	225.00	23.49	21.00	6.98			
15	35-39	Current MRTP	46.00	4.80					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	167.00	17.43			10.66	16.00	9.58
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	273.00	25.42	26.00	8.02			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	15.00	1.40					
15	40-44	Former	262.00	24.39			12.64	15.00	5.73
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	258.00	23.82	38.00	12.54			
15	45-49	Current MRTP	34.00	3.14					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	302.00	27.89			14.72	11.00	3.64
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	216.00	22.20	28.00	11.16			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	316.00	32.48			18.44	13.00	4.11
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	37.00	16.59			
15	55-59	Current MRTP	29.00	3.38					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	328.00	38.18			20.15	18.00	5.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.13			
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			22.89	12.00	4.71
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	29.00	22.14			
15	65-69	Current MRTP	13.00	2.48					
15	65-69	Current Dual	8.00	1.53					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	88.00	17.09	35.00	28.93			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	253.00	49.13			25.00	8.00	3.16
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1645.00	19.52	352.00	15.52			

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	401.00	4.76					
20	All Ages	Current Dual	222.00	2.63					
20	All Ages	Former	2439.00	28.94			19.80	139.00	5.70
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	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	15.00	18.75
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	13.00	4.58			
20	35-39	Current MRTP	53.00	5.79					
20	35-39	Current Dual	41.00	4.48					
20	35-39	Former	116.00	12.68			8.73	15.00	12.93
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	490.00	51.15					
20	40-44	Current CC	199.00	20.77	25.00	8.87			
20	40-44	Current MRTP	50.00	5.22					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	186.00	19.42			13.59	10.00	5.38
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	34.00	11.22			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	283.00	26.35			15.67	15.00	5.30
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	478.00	44.14					
20	50-54	Current CC	218.00	20.13	50.00	17.86			
20	50-54	Current MRTP	47.00	4.34					
20	50-54	Current Dual	15.00	1.39					
20	50-54	Former	325.00	30.01			17.58	12.00	3.69
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current CC	187.00	19.22	37.00	15.88			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	334.00	34.33			21.23	13.00	3.89
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	22.75			
20	60-64	Current MRTP	33.00	3.84					

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	340.00	39.58			22.49	16.00	4.71

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.71			
20	65-69	Current MRTP	36.00	5.71					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	277.00	43.97			23.84	18.00	6.50

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current CC	94.00	17.94	45.00	34.88			
20	70-74	Current MRTP	24.00	4.58					
20	70-74	Current Dual	11.00	2.10					
20	70-74	Former	240.00	45.80			25.34	12.00	5.00

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	69.00	13.40	51.00	43.97			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	258.00	50.10			25.97	13.00	5.04

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.925	342.291	0.110	0.278	4656.77	1841.55	1836.44	5.114
1994	305700	120480.723	119966.754	513.969	0.168	0.427	4482.57	1766.64	1759.11	7.536
1995	303225	118666.569	117910.616	755.953	0.249	0.637	4361.58	1706.89	1696.02	10.874
1996	299559	116607.195	115651.500	955.695	0.319	0.820	4242.85	1651.58	1638.05	13.536
1997	294226	114665.051	113561.050	1104.001	0.375	0.963	4100.64	1598.09	1582.70	15.386
1998	289258	113038.380	111702.739	1335.641	0.462	1.182	3966.28	1549.97	1531.66	18.314
1999	311002	117067.463	115261.030	1806.432	0.581	1.543	4198.14	1580.27	1555.88	24.385
2000	303786	114977.407	112952.176	2025.231	0.667	1.761	4041.13	1529.49	1502.55	26.941
2001	296294	113047.319	110853.800	2193.519	0.740	1.940	3890.54	1484.39	1455.58	28.802
2002	291898	111744.742	109338.367	2406.375	0.824	2.153	3789.34	1450.64	1419.40	31.239
2003	285865	110551.854	107923.759	2628.094	0.919	2.377	3671.31	1419.80	1386.04	33.752
2004	274177	107418.262	104733.727	2684.535	0.979	2.499	3481.92	1364.16	1330.07	34.092
2005	272379	107678.770	104806.438	2872.332	1.055	2.668	3417.44	1351.01	1314.97	36.038
2006	264118	104357.806	101436.714	2921.093	1.106	2.799	3281.83	1296.71	1260.41	36.296
2007	258419	102690.449	99623.364	3067.086	1.187	2.987	3176.05	1262.10	1224.40	37.695
2008	259461	103492.166	100021.755	3470.412	1.338	3.353	3150.91	1256.82	1214.67	42.145
2009	253907	101384.044	97652.274	3731.770	1.470	3.681	3045.20	1215.94	1171.18	44.757

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238247.796	34995.88	0.602	1.539	3927.78	1535.76	1512.12	23.643

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.726	66.386	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.132	102.672	0.133	0.166	1135.48	906.276	904.771	1.506
1995	76904	61145.799	60992.147	153.653	0.200	0.251	1106.18	879.519	877.308	2.210
1996	76232	60385.323	60191.859	193.464	0.254	0.320	1079.72	855.277	852.537	2.740
1997	75473	59549.806	59339.054	210.752	0.279	0.354	1051.87	829.947	827.010	2.937
1998	75381	59292.315	59000.167	292.148	0.388	0.493	1033.62	813.010	809.004	4.006
1999	73159	57398.351	57036.319	362.032	0.495	0.631	987.557	774.807	769.920	4.887
2000	73784	57716.549	57270.853	445.696	0.604	0.772	981.515	767.777	761.848	5.929
2001	73294	57211.877	56711.781	500.096	0.682	0.874	962.399	751.230	744.663	6.567
2002	72442	56438.810	55886.804	552.006	0.762	0.978	940.422	732.673	725.507	7.166
2003	71942	55948.341	55367.238	581.103	0.808	1.039	923.937	718.533	711.070	7.463
2004	71301	55339.218	54728.683	610.535	0.856	1.103	905.490	702.783	695.029	7.754
2005	70964	54964.459	54328.728	635.731	0.896	1.157	890.360	689.620	681.643	7.976
2006	69658	53781.526	53148.562	632.965	0.909	1.177	865.543	668.268	660.403	7.865
2007	68565	52784.985	52124.977	660.008	0.963	1.250	842.687	648.745	640.633	8.112
2008	68226	52470.692	51702.147	768.545	1.126	1.465	828.542	637.208	627.875	9.333
2009	67509	51823.021	50987.182	835.839	1.238	1.613	809.661	621.533	611.509	10.025

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152344.809	7643.719	0.518	0.659	997.213	783.665	778.501	5.164

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.568	208.232	0.127	0.587	2455.45	529.744	526.633	3.111
1994	159866	34293.631	33992.130	301.502	0.189	0.879	2344.16	502.857	498.436	4.421
1995	158083	33531.695	33097.815	433.880	0.274	1.294	2273.86	482.318	476.078	6.241
1996	154875	32438.163	31894.539	543.624	0.351	1.676	2193.60	459.443	451.743	7.700
1997	149970	31179.663	30542.634	637.029	0.425	2.043	2090.14	434.552	425.673	8.878
1998	145407	29860.736	29146.016	714.721	0.492	2.394	1993.81	409.447	399.647	9.800
1999	165952	34413.904	33407.108	1006.796	0.607	2.926	2240.15	464.545	450.955	13.591
2000	160260	33265.290	32186.504	1078.786	0.673	3.243	2131.87	442.513	428.162	14.351
2001	154444	32074.102	30925.545	1148.557	0.744	3.581	2027.95	421.154	406.073	15.081
2002	151887	31817.956	30563.535	1254.421	0.826	3.942	1971.76	413.052	396.768	16.285
2003	146733	31025.931	29616.427	1409.505	0.961	4.543	1884.46	398.460	380.358	18.102
2004	138381	29503.602	28059.029	1444.573	1.044	4.896	1757.38	374.682	356.337	18.345
2005	135881	29077.894	27527.257	1550.637	1.141	5.333	1704.85	364.830	345.375	19.455
2006	131922	28385.448	26755.269	1630.178	1.236	5.743	1639.21	352.707	332.451	20.256
2007	126502	27327.625	25614.834	1712.791	1.354	6.268	1554.75	335.866	314.815	21.051
2008	125859	27025.472	25157.104	1868.367	1.484	6.913	1528.44	328.199	305.510	22.690
2009	122428	26361.626	24349.079	2012.547	1.644	7.634	1468.33	316.165	292.028	24.137

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619291.312	19065.36	0.636	2.987	2024.64	431.261	418.381	12.880

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 17 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.083	35.054	0.107	0.794	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.149	54.747	0.164	1.223	488.625	65.617	64.814	0.803
1995	33569	4476.290	4393.901	82.389	0.245	1.841	482.855	64.387	63.202	1.185
1996	33870	4489.078	4379.056	110.022	0.325	2.451	479.723	63.582	62.023	1.558
1997	33516	4444.866	4305.860	139.007	0.415	3.127	467.113	61.948	60.011	1.937
1998	32795	4313.427	4171.824	141.603	0.432	3.283	449.682	59.145	57.204	1.942
1999	33375	4232.739	4066.776	165.963	0.497	3.921	450.521	57.137	54.896	2.240
2000	33459	4307.577	4133.770	173.808	0.519	4.035	445.090	57.302	54.990	2.312
2001	32275	4136.308	3964.340	171.969	0.533	4.158	423.792	54.312	52.054	2.258
2002	31586	4079.175	3901.678	177.497	0.562	4.351	410.041	52.955	50.651	2.304
2003	30985	4096.221	3880.081	216.141	0.698	5.277	397.934	52.607	49.831	2.776
2004	29884	4034.217	3813.767	220.450	0.738	5.465	379.513	51.233	48.433	2.800
2005	28708	3944.303	3715.730	228.572	0.796	5.795	360.189	49.488	46.620	2.868
2006	28188	3970.169	3720.288	249.881	0.886	6.294	350.253	49.332	46.227	3.105
2007	28026	3957.558	3683.048	274.509	0.979	6.936	344.449	48.640	45.266	3.374
2008	27128	3812.302	3536.286	276.016	1.017	7.240	329.444	46.297	42.945	3.352
2009	27068	3827.467	3513.717	313.750	1.159	8.197	324.637	45.904	42.141	3.763

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81412.236	3045.267	0.485	3.606	424.421	57.058	55.000	2.057

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Main Results for E-Component Summarized over Simulations for Run: 17

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.549	32.620	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.344	55.049	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.754	86.031	0.248	0.441	498.677	280.671	279.434	1.237
1996	34582	19294.631	19186.046	108.585	0.314	0.563	489.808	273.283	271.745	1.538
1997	35267	19490.717	19373.503	117.214	0.332	0.601	491.517	271.643	270.009	1.634
1998	35675	19571.902	19384.733	187.169	0.525	0.956	489.172	268.368	265.801	2.566
1999	38516	21022.469	20750.827	271.642	0.705	1.292	519.919	283.777	280.111	3.667
2000	36283	19687.992	19361.049	326.942	0.901	1.661	482.656	261.900	257.551	4.349
2001	36281	19625.032	19252.134	372.898	1.028	1.900	476.394	257.690	252.793	4.896
2002	35983	19408.801	18986.350	422.451	1.174	2.177	467.122	251.960	246.476	5.484
2003	36205	19481.360	19060.014	421.346	1.164	2.163	464.974	250.195	244.784	5.411
2004	34611	18541.224	18132.248	408.976	1.182	2.206	439.544	235.465	230.271	5.194
2005	36826	19692.114	19234.722	457.392	1.242	2.323	462.043	247.070	241.331	5.739
2006	34350	18220.663	17812.594	408.069	1.188	2.240	426.820	226.403	221.332	5.071
2007	35326	18620.282	18200.504	419.777	1.188	2.254	434.168	228.849	223.690	5.159
2008	38248	20183.701	19626.217	557.483	1.458	2.762	464.487	245.112	238.342	6.770
2009	36902	19371.930	18802.295	569.634	1.544	2.941	442.580	232.335	225.503	6.832

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385199.439	5241.535	0.735	1.342	481.512	263.774	260.233	3.541

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	3

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STP values for Run: 18, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.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: 18, 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 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 18, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81

Year of Follow-up: 2005, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97

Year of Follow-up: 2005, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12

Year of Follow-up: 2005, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32

Year of Follow-up: 2010, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19

Year of Follow-up: 2010, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.

Year of Follow-up: 2010, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70

Year of Follow-up: 2010, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82

Year of Follow-up: 2010, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10

Year of Follow-up: 2010, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92

Year of Follow-up: 2010, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98

Year of Follow-up: 2010, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 18, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	110.00	1.21					
5	All Ages	Current Dual	71.00	0.78					
5	All Ages	Former	1992.00	21.94			14.74	111.00	5.57

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.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	1.17			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	8.00	4.35			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	15.00	24.59			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	5.00	1.03					
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	1855.00	20.36	188.00	8.54			
10	All Ages	Current MRTP	226.00	2.48					
10	All Ages	Current Dual	121.00	1.33					
10	All Ages	Former	2009.00	22.06			16.23	108.00	5.38

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	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	18.00	2.21			2.61	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.87			
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			4.96	12.00	22.64

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	187.00	22.50	14.00	6.09			
10	30-34	Current MRTP	26.00	3.13					
10	30-34	Current Dual	17.00	2.05					
10	30-34	Former	160.00	19.25			8.90	11.00	6.88

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	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	18.00	6.27			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.86			
10	50-54	Current MRTP	17.00	2.10					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	214.00	26.39			14.72	8.00	3.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	89.00	18.24	12.00	12.12			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	139.00	28.48			23.78	5.00	3.60
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1562.00	18.23	238.00	11.85			
15	All Ages	Current MRTP	285.00	3.33					
15	All Ages	Current Dual	162.00	1.89					
15	All Ages	Former	2038.00	23.78			17.33	129.00	6.33
Year of Follow-up: 2005, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current CC	0.00	.	0.00	.			
15	18-19	Current MRTP	0.00	.					
15	18-19	Current Dual	0.00	.					
15	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current CC	0.00	.	0.00	.			
15	20-24	Current MRTP	0.00	.					
15	20-24	Current Dual	0.00	.					
15	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2005, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	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			3.95	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	189.00	22.39	9.00	3.30			
15	30-34	Current MRTP	53.00	6.28					
15	30-34	Current Dual	31.00	3.67					
15	30-34	Former	81.00	9.60			6.75	15.00	18.52
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	160.00	19.25	23.00	11.00			
15	35-39	Current MRTP	31.00	3.73					
15	35-39	Current Dual	18.00	2.17					
15	35-39	Former	188.00	22.62			11.66	12.00	6.38
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	510.00	51.05					
15	40-44	Current CC	222.00	22.22	34.00	12.41			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	215.00	21.52			14.24	9.00	4.19
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	228.00	20.32	25.00	9.26			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	291.00	25.94			14.92	13.00	4.47
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	15.68			
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			17.96	13.00	4.51
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	25.00	15.72			
15	55-59	Current MRTP	18.00	2.22					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	230.00	28.36			17.63	12.00	5.22
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	20.00	23.53			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	153.00	31.35			23.54	12.00	7.84
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1311.00	16.32	259.00	14.61			

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	300.00	3.73					
20	All Ages	Current Dual	162.00	2.02					
20	All Ages	Former	2035.00	25.33			18.84	121.00	5.95
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	140.00	17.22	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	63.00	7.75			5.81	13.00	20.63
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	161.00	19.08	10.00	3.97			
20	35-39	Current MRTP	58.00	6.87					
20	35-39	Current Dual	33.00	3.91					
20	35-39	Former	114.00	13.51			8.48	17.00	14.91
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	27.00	14.29			
20	40-44	Current MRTP	34.00	4.09					
20	40-44	Current Dual	16.00	1.93					
20	40-44	Former	208.00	25.03			14.93	6.00	2.88
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	38.00	15.02			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	24.00	2.40					
20	45-49	Former	236.00	23.62			16.95	8.00	3.39
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	201.00	17.91	32.00	12.96			
20	50-54	Current MRTP	32.00	2.85					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	314.00	27.99			17.73	16.00	5.10
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	35.00	21.08			
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			20.62	14.00	4.56
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	112.00	13.81	36.00	24.16			
20	60-64	Current MRTP	26.00	3.21					

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	11.00	1.36					
20	60-64	Former	240.00	29.59			20.48	11.00	4.58

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	26.00	34.21			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	162.00	33.20			24.44	14.00	8.64

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.214	75.025	0.037	0.120	2725.82	851.622	850.603	1.019
1995	201023	63132.954	63014.747	118.207	0.059	0.187	2687.54	844.043	842.463	1.580
1996	201180	64309.880	64226.060	83.820	0.042	0.130	2653.67	848.280	847.174	1.106
1997	198639	64547.894	64427.503	120.391	0.061	0.187	2583.39	839.475	837.909	1.566
1998	197573	65384.866	65144.426	240.440	0.122	0.368	2533.29	838.367	835.284	3.083
1999	211329	67554.762	67160.469	394.292	0.187	0.584	2673.14	854.513	849.526	4.987
2000	208496	68184.366	67679.319	505.047	0.242	0.741	2604.20	851.652	845.343	6.308
2001	203606	68286.060	67635.028	651.032	0.320	0.953	2514.65	843.372	835.332	8.041
2002	200828	68983.996	68261.771	722.225	0.360	1.047	2455.47	843.450	834.620	8.830
2003	196352	68717.830	67770.379	947.451	0.483	1.379	2377.49	832.057	820.585	11.472
2004	188160	67344.952	66080.107	1264.844	0.672	1.878	2254.66	806.974	791.817	15.156
2005	186416	67846.650	66373.194	1473.456	0.790	2.172	2208.07	803.634	786.181	17.453
2006	180088	66622.465	64686.277	1936.188	1.075	2.906	2113.55	781.893	759.170	22.723
2007	175644	65977.201	63699.738	2277.463	1.297	3.452	2039.92	766.256	739.806	26.450
2008	177570	67121.344	64642.543	2478.801	1.396	3.693	2039.03	770.751	742.287	28.464
2009	172806	66622.993	63790.520	2832.473	1.639	4.251	1961.22	756.123	723.976	32.147

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1286118.624	16197.74	0.415	1.244	2465.77	823.300	813.060	10.240

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.343	12.046	0.026	0.035	638.697	461.725	461.561	0.164
1995	47840	34566.580	34545.339	21.241	0.044	0.061	639.587	462.131	461.847	0.284
1996	48244	34997.958	34996.179	1.779	0.004	0.005	636.363	461.641	461.617	0.023
1997	49035	35549.658	35537.568	12.089	0.025	0.034	637.723	462.340	462.182	0.157
1998	49686	36138.033	36096.196	41.837	0.084	0.116	637.076	463.363	462.827	0.536
1999	48883	35506.142	35439.775	66.367	0.136	0.187	618.331	449.124	448.285	0.839
2000	50331	36573.306	36472.033	101.273	0.201	0.277	628.656	456.816	455.551	1.265
2001	50389	36733.445	36597.652	135.793	0.269	0.370	622.333	453.679	452.002	1.677
2002	51445	37627.700	37463.571	164.129	0.319	0.436	629.005	460.065	458.058	2.007
2003	51408	37552.784	37313.223	239.561	0.466	0.638	622.464	454.701	451.800	2.901
2004	51399	37527.823	37184.841	342.982	0.667	0.914	615.898	449.684	445.574	4.110
2005	51421	37486.186	37088.502	397.684	0.773	1.061	609.074	444.018	439.308	4.711
2006	51355	37409.496	36838.162	571.334	1.113	1.527	602.712	439.045	432.339	6.705
2007	51839	37602.867	36905.033	697.834	1.346	1.856	602.056	436.718	428.613	8.105
2008	50976	36986.957	36252.857	734.100	1.440	1.985	585.355	424.719	416.290	8.430
2009	51193	37201.944	36321.151	880.793	1.721	2.368	581.003	422.215	412.219	9.996

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707465.683	4439.156	0.453	0.624	619.890	450.053	447.247	2.806

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12081.910	46.666	0.051	0.385	1233.90	164.759	164.125	0.634
1995	89698	11958.696	11893.042	65.654	0.073	0.549	1199.20	159.879	159.002	0.878
1996	88286	12020.749	11946.247	74.502	0.084	0.620	1164.54	158.560	157.577	0.983
1997	84777	11593.724	11497.976	95.748	0.113	0.826	1102.56	150.782	149.536	1.245
1998	82517	11337.035	11189.065	147.969	0.179	1.305	1058.04	145.364	143.467	1.897
1999	93939	13027.458	12781.468	245.989	0.262	1.888	1188.25	164.787	161.675	3.112
2000	90039	12607.547	12333.297	274.250	0.305	2.175	1124.63	157.474	154.048	3.425
2001	86119	12350.451	11996.725	353.726	0.411	2.864	1063.62	152.535	148.166	4.369
2002	83014	12112.097	11724.013	388.083	0.467	3.204	1014.99	148.092	143.347	4.745
2003	79302	11683.252	11230.389	452.864	0.571	3.876	960.214	141.465	135.981	5.483
2004	73861	11139.095	10576.312	562.783	0.762	5.052	885.053	133.476	126.733	6.744
2005	71649	10884.683	10252.132	632.551	0.883	5.811	848.672	128.927	121.435	7.492
2006	67551	10397.565	9644.886	752.679	1.114	7.239	792.791	122.028	113.194	8.834
2007	63503	9785.831	8932.364	853.467	1.344	8.721	737.521	113.652	103.740	9.912
2008	63171	9922.524	8998.510	924.014	1.463	9.312	725.389	113.940	103.329	10.610
2009	59747	9483.598	8489.250	994.348	1.664	10.485	678.085	107.632	96.347	11.285

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225581.633	6900.916	0.418	2.968	1043.56	146.971	142.608	4.363

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 18 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.131	13.267	0.040	0.419	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.384	20.890	0.062	0.653	450.946	42.785	42.506	0.279
1996	33750	3234.738	3209.110	25.629	0.076	0.792	445.180	42.668	42.330	0.338
1997	33699	3240.665	3214.926	25.738	0.076	0.794	438.271	42.146	41.812	0.335
1998	33274	3171.578	3128.788	42.790	0.129	1.349	426.640	40.666	40.117	0.549
1999	33891	3153.786	3087.611	66.175	0.195	2.098	428.694	39.893	39.056	0.837
2000	33827	3237.043	3151.254	85.789	0.254	2.650	422.514	40.432	39.360	1.072
2001	32506	3110.972	3002.576	108.396	0.333	3.484	401.468	38.422	37.084	1.339
2002	32078	3123.298	2998.710	124.588	0.388	3.989	392.210	38.188	36.664	1.523
2003	30568	3025.984	2883.164	142.820	0.467	4.720	370.127	36.640	34.910	1.729
2004	29388	2983.453	2799.895	183.558	0.625	6.153	352.147	35.750	33.550	2.200
2005	27954	2926.679	2719.740	206.939	0.740	7.071	331.111	34.666	32.215	2.451
2006	27201	2889.308	2646.037	243.271	0.894	8.420	319.236	33.909	31.054	2.855
2007	26302	2810.025	2529.767	280.258	1.066	9.973	305.470	32.636	29.381	3.255
2008	25998	2773.025	2479.437	293.588	1.129	10.587	298.534	31.843	28.471	3.371
2009	25040	2723.293	2398.662	324.631	1.296	11.921	284.186	30.907	27.223	3.684

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59093.210	2198.533	0.353	3.587	394.195	38.747	37.358	1.390

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Main Results for E-Component Summarized over Simulations for Run: 18

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.830	3.046	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.982	10.422	0.035	0.078	397.803	179.248	179.108	0.139
1996	30900	14056.435	14074.525	-18.090	-0.059	-0.129	407.587	185.412	185.650	-0.239
1997	31128	14163.848	14177.032	-13.184	-0.042	-0.093	404.834	184.207	184.379	-0.171
1998	32096	14738.220	14730.377	7.843	0.024	0.053	411.536	188.974	188.873	0.101
1999	34616	15867.376	15851.615	15.762	0.046	0.099	437.865	200.710	200.510	0.199
2000	34299	15766.470	15722.735	43.735	0.128	0.277	428.409	196.930	196.384	0.546
2001	34592	16091.193	16038.076	53.117	0.154	0.330	427.231	198.736	198.079	0.656
2002	34291	16120.902	16075.477	45.425	0.132	0.282	419.268	197.106	196.551	0.555
2003	35074	16455.810	16343.604	112.207	0.320	0.682	424.687	199.252	197.894	1.359
2004	33512	15694.580	15519.059	175.521	0.524	1.118	401.564	188.063	185.960	2.103
2005	35392	16549.102	16312.821	236.281	0.668	1.428	419.213	196.022	193.223	2.799
2006	33981	15926.096	15557.192	368.905	1.086	2.316	398.807	186.912	182.582	4.330
2007	34000	15778.477	15332.573	445.905	1.311	2.826	394.875	183.251	178.072	5.179
2008	37425	17438.838	16911.739	527.099	1.408	3.023	429.749	200.249	194.197	6.053
2009	36826	17214.158	16581.457	632.701	1.718	3.675	417.948	195.368	188.188	7.181

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293978.098	2659.135	0.412	0.896	408.132	187.528	185.847	1.681

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	4

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STP values for Run: 19, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Assumption Set	GUESSNULL1

Age	Period	Initiation Never Current	Switch from Current Current Former	Re-initiation Former Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 19, Scenario: STP_MRTP

Variable	Parameter	Value
1. Country		US (United States)
2. Sex		M (Males)
3. Assumption Set		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 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 19, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current	2550.00	29.83	0.00	0.00			
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current	57.00	15.88	0.00	0.00			
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current	292.00	30.48	0.00	0.00			
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current	403.00	37.52	0.00	0.00			
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current	378.00	34.90	0.00	0.00			
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current	309.00	31.76	0.00	0.00			
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current	273.00	31.78	0.00	0.00			
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current	211.00	33.49	0.00	0.00			
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current	159.00	30.34	0.00	0.00			
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current	130.00	25.24	0.00	0.00			
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current	129.00	25.80	0.00	0.00			
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current	87.00	19.42	0.00	0.00			
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current	79.00	22.01	0.00	0.00			
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current	43.00	16.17	0.00	0.00			
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3879.00	42.27					
5	All Ages	Current	2696.00	29.38	162.00	6.01			
5	All Ages	Former	2602.00	28.35			15.34	172.00	6.61

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	277.00	81.71					
5	18-19	Current	60.00	17.70	0.00	0.00			
5	18-19	Former	2.00	0.59			2.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	618.00	67.54					
5	20-24	Current	265.00	28.96	1.00	0.38			
5	20-24	Former	32.00	3.50			2.66	12.00	37.50

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	526.00	54.91					
5	25-29	Current	320.00	33.40	7.00	2.19			
5	25-29	Former	112.00	11.69			5.14	16.00	14.29

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	493.00	45.90					
5	30-34	Current	378.00	35.20	11.00	2.91			
5	30-34	Former	203.00	18.90			6.32	24.00	11.82

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	469.00	43.31					
5	35-39	Current	360.00	33.24	13.00	3.61			
5	35-39	Former	254.00	23.45			7.70	24.00	9.45

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current	297.00	30.52	23.00	7.74			
5	40-44	Former	270.00	27.75			11.91	16.00	5.93

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current	237.00	27.59	11.00	4.64			
5	45-49	Former	314.00	36.55			13.35	17.00	5.41

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current	198.00	31.43	10.00	5.05			
5	50-54	Former	240.00	38.10			17.47	10.00	4.17

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current	152.00	29.01	13.00	8.55			
5	55-59	Former	217.00	41.41			16.76	10.00	4.61

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current	131.00	25.44	19.00	14.50			
5	60-64	Former	243.00	47.18			18.42	12.00	4.94

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	120.00	24.00					
5	65-69	Current	133.00	26.60	24.00	18.05			
5	65-69	Former	247.00	49.40			22.23	13.00	5.26

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current	88.00	19.64	17.00	19.32			
5	70-74	Former	254.00	56.70			22.55	7.00	2.76

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current	77.00	21.45	13.00	16.88			
5	75-79	Former	214.00	59.61			23.75	10.00	4.67

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4089.00	43.62					
10	All Ages	Current	2668.00	28.46	258.00	9.67			
10	All Ages	Former	2618.00	27.93			16.84	168.00	6.42

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	633.00	70.65					
10	20-24	Current	243.00	27.12	1.00	0.41			
10	20-24	Former	20.00	2.23			2.10	8.00	40.00

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	567.00	61.97					
10	25-29	Current	279.00	30.49	5.00	1.79			
10	25-29	Former	69.00	7.54			4.45	13.00	18.84

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	503.00	52.51					
10	30-34	Current	309.00	32.25	12.00	3.88			
10	30-34	Former	146.00	15.24			8.01	13.00	8.90

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	489.00	45.53					
10	35-39	Current	343.00	31.94	17.00	4.96			
10	35-39	Former	242.00	22.53			9.39	19.00	7.85

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	469.00	43.31					
10	40-44	Current	329.00	30.38	21.00	6.38			
10	40-44	Former	285.00	26.32			11.08	15.00	5.26

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current	275.00	28.26	36.00	13.09			
10	45-49	Former	292.00	30.01			14.68	20.00	6.85

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	308.00	35.86					
10	50-54	Current	225.00	26.19	29.00	12.89			
10	50-54	Former	326.00	37.95			16.58	18.00	5.52

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current	192.00	30.48	20.00	10.42			
10	55-59	Former	246.00	39.05			20.96	8.00	3.25

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current	134.00	25.57	23.00	17.16			
10	60-64	Former	235.00	44.85			19.06	10.00	4.26

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current	120.00	23.30	27.00	22.50			
10	65-69	Former	254.00	49.32			21.03	11.00	4.33

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current	126.00	25.20	35.00	27.78			
10	70-74	Former	254.00	50.80			24.36	18.00	7.09

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current	93.00	20.76	32.00	34.41			
10	75-79	Former	249.00	55.58			25.24	15.00	6.02

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3876.00	43.42					
15	All Ages	Current	2515.00	28.17	333.00	13.24			
15	All Ages	Former	2536.00	28.41			18.25	149.00	5.88

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	563.00	62.83					
15	25-29	Current	281.00	31.36	4.00	1.42			
15	25-29	Former	52.00	5.80			3.56	18.00	34.62

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	536.00	58.58					
15	30-34	Current	289.00	31.58	6.00	2.08			
15	30-34	Former	90.00	9.84			7.51	8.00	8.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	497.00	51.88					
15	35-39	Current	282.00	29.44	19.00	6.74			
15	35-39	Former	179.00	18.68			10.47	19.00	10.61

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	489.00	45.53					
15	40-44	Current	318.00	29.61	24.00	7.55			
15	40-44	Former	267.00	24.86			12.85	16.00	5.99

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	469.00	43.31					
15	45-49	Current	313.00	28.90	35.00	11.18			
15	45-49	Former	301.00	27.79			14.58	13.00	4.32

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	406.00	41.73					
15	50-54	Current	252.00	25.90	43.00	17.06			
15	50-54	Former	315.00	32.37			17.34	19.00	6.03

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	308.00	35.86					
15	55-59	Current	227.00	26.43	45.00	19.82			
15	55-59	Former	324.00	37.72			19.98	13.00	4.01

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	192.00	30.48					
15	60-64	Current	176.00	27.94	29.00	16.48			
15	60-64	Former	262.00	41.59			23.06	16.00	6.11
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current	124.00	23.66	33.00	26.61			
15	65-69	Former	245.00	46.76			21.73	10.00	4.08
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current	125.00	24.27	44.00	35.20			
15	70-74	Former	249.00	48.35			23.98	4.00	1.61
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current	128.00	25.60	51.00	39.84			
15	75-79	Former	252.00	50.40			25.65	13.00	5.16
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3708.00	44.00					
20	All Ages	Current	2295.00	27.23	394.00	17.17			
20	All Ages	Former	2424.00	28.76			19.63	118.00	4.87
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	527.00	58.82					
20	30-34	Current	291.00	32.48	5.00	1.72			
20	30-34	Former	78.00	8.71			6.28	11.00	14.10
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	524.00	57.27					
20	35-39	Current	274.00	29.95	10.00	3.65			
20	35-39	Former	117.00	12.79			9.86	10.00	8.55
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	497.00	51.88					
20	40-44	Current	266.00	27.77	25.00	9.40			
20	40-44	Former	195.00	20.35			14.13	8.00	4.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	489.00	45.53					
20	45-49	Current	302.00	28.12	36.00	11.92			
20	45-49	Former	283.00	26.35			16.29	5.00	1.77
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	469.00	43.31					
20	50-54	Current	298.00	27.52	48.00	16.11			
20	50-54	Former	316.00	29.18			17.87	16.00	5.06
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	406.00	41.73					
20	55-59	Current	242.00	24.87	64.00	26.45			
20	55-59	Former	325.00	33.40			20.06	15.00	4.62

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	308.00	35.86					
20	60-64	Current	217.00	25.26	63.00	29.03			
20	60-64	Former	334.00	38.88			22.04	14.00	4.19

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current	162.00	25.71	40.00	24.69			
20	65-69	Former	276.00	43.81			24.22	18.00	6.52

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	155.00	29.58					
20	70-74	Current	121.00	23.09	45.00	37.19			
20	70-74	Former	248.00	47.33			23.56	14.00	5.65

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current	122.00	23.69	58.00	47.54			
20	75-79	Former	252.00	48.93			25.90	7.00	2.78

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Main Output for the Smoking History Summarized over Simulations for Run: 19, Scenario: MRTP

Variable	Parameter	Value
1.	Country	US (United States)
2.	Sex	M (Males)
3.	Year of start of process	1990
4.	Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	3435.00	40.18					
0	All Ages	Current CC	2550.00	29.83	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	2563.00	29.98			13.27	386.00	15.06

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	290.00	80.78					
0	18-19	Current CC	57.00	15.88	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	12.00	3.34			0.00	12.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	584.00	60.96					
0	20-24	Current CC	292.00	30.48	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	82.00	8.56			1.57	42.00	51.22

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	512.00	47.67					
0	25-29	Current CC	403.00	37.52	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	159.00	14.80			2.97	64.00	40.25

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	482.00	44.51					
0	30-34	Current CC	378.00	34.90	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	223.00	20.59			3.91	67.00	30.04

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	406.00	41.73					
0	35-39	Current CC	309.00	31.76	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	258.00	26.52			8.25	47.00	18.22

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	308.00	35.86					
0	40-44	Current CC	273.00	31.78	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	278.00	32.36			10.36	42.00	15.11

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	192.00	30.48					
0	45-49	Current CC	211.00	33.49	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	227.00	36.03			13.96	15.00	6.61

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	155.00	29.58					
0	50-54	Current CC	159.00	30.34	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	210.00	40.08			13.70	35.00	16.67

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	141.00	27.38					
0	55-59	Current CC	130.00	25.24	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	244.00	47.38			14.78	26.00	10.66

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	120.00	24.00					
0	60-64	Current CC	129.00	25.80	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	251.00	50.20			18.82	12.00	4.78

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	106.00	23.66					
0	65-69	Current CC	87.00	19.42	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	255.00	56.92			19.42	11.00	4.31

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	68.00	18.94					
0	70-74	Current CC	79.00	22.01	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	212.00	59.05			20.58	4.00	1.89

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	71.00	26.69					
0	75-79	Current CC	43.00	16.17	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	152.00	57.14			25.16	9.00	5.92

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	3901.00	42.51					
5	All Ages	Current CC	2463.00	26.84	145.00	5.41			
5	All Ages	Current MRTP	130.00	1.42					
5	All Ages	Current Dual	86.00	0.94					
5	All Ages	Former	2597.00	28.30			15.50	149.00	5.74

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	279.00	82.30					
5	18-19	Current CC	41.00	12.09	0.00	0.00			
5	18-19	Current MRTP	7.00	2.06					
5	18-19	Current Dual	10.00	2.95					
5	18-19	Former	2.00	0.59			1.00	1.00	50.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.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	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	535.00	55.85					
5	25-29	Current CC	279.00	29.12	4.00	1.29			
5	25-29	Current MRTP	22.00	2.30					
5	25-29	Current Dual	8.00	0.84					
5	25-29	Former	114.00	11.90			4.93	21.00	18.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	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	24.00	11.88
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	478.00	44.14					
5	35-39	Current CC	336.00	31.02	14.00	3.99			
5	35-39	Current MRTP	10.00	0.92					
5	35-39	Current Dual	5.00	0.46					
5	35-39	Former	254.00	23.45			7.75	21.00	8.27
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	406.00	41.73					
5	40-44	Current CC	283.00	29.09	13.00	4.41			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	4.00	0.41					
5	40-44	Former	272.00	27.95			12.22	10.00	3.68
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	308.00	35.86					
5	45-49	Current CC	235.00	27.36	11.00	4.37			
5	45-49	Current MRTP	10.00	1.16					
5	45-49	Current Dual	7.00	0.81					
5	45-49	Former	299.00	34.81			13.78	10.00	3.34
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	192.00	30.48					
5	50-54	Current CC	194.00	30.79	13.00	6.31			
5	50-54	Current MRTP	9.00	1.43					
5	50-54	Current Dual	3.00	0.48					
5	50-54	Former	232.00	36.83			17.55	6.00	2.59
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	155.00	29.58					
5	55-59	Current CC	140.00	26.72	13.00	8.78			
5	55-59	Current MRTP	4.00	0.76					
5	55-59	Current Dual	4.00	0.76					
5	55-59	Former	221.00	42.18			16.80	15.00	6.79
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	141.00	27.38					
5	60-64	Current CC	113.00	21.94	16.00	12.40			
5	60-64	Current MRTP	10.00	1.94					
5	60-64	Current Dual	6.00	1.17					
5	60-64	Former	245.00	47.57			19.01	6.00	2.45
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	120.00	24.00					
5	65-69	Current CC	114.00	22.80	14.00	11.38			
5	65-69	Current MRTP	6.00	1.20					
5	65-69	Current Dual	3.00	0.60					
5	65-69	Former	257.00	51.40			22.01	10.00	3.89
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	106.00	23.66					
5	70-74	Current CC	70.00	15.63	22.00	25.00			
5	70-74	Current MRTP	9.00	2.01					
5	70-74	Current Dual	9.00	2.01					
5	70-74	Former	254.00	56.70			22.44	8.00	3.15

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	68.00	18.94					
5	75-79	Current CC	68.00	18.94	15.00	19.23			
5	75-79	Current MRTP	5.00	1.39					
5	75-79	Current Dual	5.00	1.39					
5	75-79	Former	213.00	59.33			23.91	9.00	4.23

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4073.00	43.45					
10	All Ages	Current CC	2263.00	24.14	243.00	8.98			
10	All Ages	Current MRTP	265.00	2.83					
10	All Ages	Current Dual	177.00	1.89					
10	All Ages	Former	2597.00	27.70			17.22	164.00	6.31

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	627.00	69.98					
10	20-24	Current CC	169.00	18.86	0.00	0.00			
10	20-24	Current MRTP	36.00	4.02					
10	20-24	Current Dual	43.00	4.80					
10	20-24	Former	21.00	2.34			2.00	9.00	42.86

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	553.00	60.44					
10	25-29	Current CC	240.00	26.23	5.00	1.66			
10	25-29	Current MRTP	26.00	2.84					
10	25-29	Current Dual	35.00	3.83					
10	25-29	Former	61.00	6.67			4.80	18.00	29.51

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	499.00	52.09					
10	30-34	Current CC	248.00	25.89	10.00	3.16			
10	30-34	Current MRTP	43.00	4.49					
10	30-34	Current Dual	25.00	2.61					
10	30-34	Former	143.00	14.93			7.99	13.00	9.09

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	488.00	45.44					
10	35-39	Current CC	317.00	29.52	20.00	5.56			
10	35-39	Current MRTP	30.00	2.79					
10	35-39	Current Dual	13.00	1.21					
10	35-39	Former	226.00	21.04			9.98	13.00	5.75

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	27.00	8.54			
10	40-44	Current MRTP	21.00	1.94					
10	40-44	Current Dual	9.00	0.83					
10	40-44	Former	289.00	26.69			10.88	23.00	7.96

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	406.00	41.73					
10	45-49	Current CC	257.00	26.41	23.00	8.19			
10	45-49	Current MRTP	17.00	1.75					
10	45-49	Current Dual	7.00	0.72					
10	45-49	Former	286.00	29.39			15.85	14.00	4.90

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.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	20.00	2.33					
10	50-54	Current Dual	12.00	1.40					
10	50-54	Former	311.00	36.20			17.12	7.00	2.25
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	192.00	30.48					
10	55-59	Current CC	162.00	25.71	27.00	14.21			
10	55-59	Current MRTP	22.00	3.49					
10	55-59	Current Dual	6.00	0.95					
10	55-59	Former	248.00	39.37			20.29	8.00	3.23
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	155.00	29.58					
10	60-64	Current CC	120.00	22.90	19.00	14.29			
10	60-64	Current MRTP	5.00	0.95					
10	60-64	Current Dual	8.00	1.53					
10	60-64	Former	236.00	45.04			19.51	13.00	5.51
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	141.00	27.38					
10	65-69	Current CC	99.00	19.22	23.00	19.17			
10	65-69	Current MRTP	16.00	3.11					
10	65-69	Current Dual	5.00	0.97					
10	65-69	Former	254.00	49.32			21.71	15.00	5.91
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	120.00	24.00					
10	70-74	Current CC	101.00	20.20	31.00	26.05			
10	70-74	Current MRTP	14.00	2.80					
10	70-74	Current Dual	4.00	0.80					
10	70-74	Former	261.00	52.20			24.21	18.00	6.90
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	106.00	23.66					
10	75-79	Current CC	56.00	12.50	30.00	37.04			
10	75-79	Current MRTP	15.00	3.35					
10	75-79	Current Dual	10.00	2.23					
10	75-79	Former	261.00	58.26			24.95	13.00	4.98
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	3868.00	43.33					
15	All Ages	Current CC	1986.00	22.25	306.00	12.05			
15	All Ages	Current MRTP	354.00	3.97					
15	All Ages	Current Dual	200.00	2.24					
15	All Ages	Former	2519.00	28.22			18.74	139.00	5.52
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	53.00	5.92					
15	25-29	Former	45.00	5.02			4.27	10.00	22.22
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	525.00	57.38					

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	219.00	23.93	11.00	3.67			
15	30-34	Current MRTP	41.00	4.48					
15	30-34	Current Dual	40.00	4.37					
15	30-34	Former	90.00	9.84			6.64	16.00	17.78
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	22.00	7.28			
15	35-39	Current MRTP	46.00	4.80					
15	35-39	Current Dual	30.00	3.13					
15	35-39	Former	166.00	17.33			10.72	15.00	9.04
Year of Follow-up: 2005, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	488.00	45.44					
15	40-44	Current CC	274.00	25.51	27.00	8.28			
15	40-44	Current MRTP	36.00	3.35					
15	40-44	Current Dual	16.00	1.49					
15	40-44	Former	260.00	24.21			12.70	15.00	5.77
Year of Follow-up: 2005, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	478.00	44.14					
15	45-49	Current CC	258.00	23.82	38.00	12.58			
15	45-49	Current MRTP	33.00	3.05					
15	45-49	Current Dual	11.00	1.02					
15	45-49	Former	303.00	27.98			14.67	12.00	3.96
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	216.00	22.20	28.00	11.16			
15	50-54	Current MRTP	27.00	2.77					
15	50-54	Current Dual	8.00	0.82					
15	50-54	Former	316.00	32.48			18.44	13.00	4.11
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	37.00	16.59			
15	55-59	Current MRTP	29.00	3.38					
15	55-59	Current Dual	12.00	1.40					
15	55-59	Former	328.00	38.18			20.15	18.00	5.49
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	192.00	30.48					
15	60-64	Current CC	149.00	23.65	35.00	19.13			
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			22.89	12.00	4.71
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	155.00	29.58					
15	65-69	Current CC	110.00	20.99	30.00	22.90			
15	65-69	Current MRTP	12.00	2.29					
15	65-69	Current Dual	9.00	1.72					
15	65-69	Former	238.00	45.42			22.58	9.00	3.78
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	141.00	27.38					
15	70-74	Current CC	88.00	17.09	35.00	28.93			
15	70-74	Current MRTP	23.00	4.47					
15	70-74	Current Dual	10.00	1.94					
15	70-74	Former	253.00	49.13			25.00	8.00	3.16
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	120.00	24.00					
15	75-79	Current CC	89.00	17.80	41.00	35.65			
15	75-79	Current MRTP	20.00	4.00					
15	75-79	Current Dual	6.00	1.20					
15	75-79	Former	265.00	53.00			26.08	11.00	4.15
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	3720.00	44.14					
20	All Ages	Current CC	1649.00	19.57	354.00	15.59			

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	398.00	4.72					
20	All Ages	Current Dual	223.00	2.65					
20	All Ages	Former	2437.00	28.92			19.81	138.00	5.66
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	547.00	61.05					
20	30-34	Current CC	163.00	18.19	6.00	2.22			
20	30-34	Current MRTP	59.00	6.58					
20	30-34	Current Dual	48.00	5.36					
20	30-34	Former	79.00	8.82			6.06	15.00	18.99
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	515.00	56.28					
20	35-39	Current CC	190.00	20.77	13.00	4.59			
20	35-39	Current MRTP	52.00	5.68					
20	35-39	Current Dual	41.00	4.48					
20	35-39	Former	117.00	12.79			8.75	15.00	12.82
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	490.00	51.15					
20	40-44	Current CC	200.00	20.88	26.00	9.19			
20	40-44	Current MRTP	50.00	5.22					
20	40-44	Current Dual	33.00	3.44					
20	40-44	Former	185.00	19.31			13.63	10.00	5.41
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	249.00	23.18	34.00	11.18			
20	45-49	Current MRTP	37.00	3.45					
20	45-49	Current Dual	18.00	1.68					
20	45-49	Former	282.00	26.26			15.68	15.00	5.32
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	478.00	44.14					
20	50-54	Current CC	219.00	20.22	50.00	17.86			
20	50-54	Current MRTP	46.00	4.25					
20	50-54	Current Dual	15.00	1.39					
20	50-54	Former	325.00	30.01			17.59	11.00	3.38
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	187.00	19.22	37.00	15.88			
20	55-59	Current MRTP	33.00	3.39					
20	55-59	Current Dual	13.00	1.34					
20	55-59	Former	334.00	34.33			21.23	13.00	3.89
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	22.75			
20	60-64	Current MRTP	33.00	3.84					

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	17.00	1.98					
20	60-64	Former	340.00	39.58			22.49	16.00	4.71

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	192.00	30.48					
20	65-69	Current CC	117.00	18.57	43.00	26.71			
20	65-69	Current MRTP	36.00	5.71					
20	65-69	Current Dual	8.00	1.27					
20	65-69	Former	277.00	43.97			23.84	18.00	6.50

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	46.00	35.66			
20	70-74	Current MRTP	23.00	4.39					
20	70-74	Current Dual	12.00	2.29					
20	70-74	Former	240.00	45.80			25.35	12.00	5.00

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	141.00	27.38					
20	75-79	Current CC	69.00	13.40	51.00	43.97			
20	75-79	Current MRTP	29.00	5.63					
20	75-79	Current Dual	18.00	3.50					
20	75-79	Former	258.00	50.10			25.97	13.00	5.04

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	317161	125829.961	125829.961	0.000	0.000	0.000	4990.74	1980.02	1980.02	0.000
1991	313217	124132.583	124098.952	33.631	0.011	0.027	4845.61	1920.39	1919.87	0.520
1992	308577	122143.718	121995.897	147.822	0.048	0.121	4692.62	1857.47	1855.23	2.248
1993	311713	123269.216	122926.925	342.291	0.110	0.278	4656.77	1841.55	1836.44	5.114
1994	305700	120480.723	119966.754	513.969	0.168	0.427	4482.57	1766.64	1759.11	7.536
1995	303225	118666.569	117910.077	756.492	0.249	0.637	4361.58	1706.89	1696.01	10.881
1996	299559	116607.195	115650.555	956.640	0.319	0.820	4242.85	1651.58	1638.03	13.550
1997	294226	114665.051	113560.586	1104.465	0.375	0.963	4100.64	1598.09	1582.70	15.393
1998	289258	113038.380	111703.137	1335.243	0.462	1.181	3966.28	1549.97	1531.66	18.309
1999	311002	117067.463	115262.143	1805.320	0.580	1.542	4198.14	1580.27	1555.90	24.370
2000	303786	114977.407	112957.542	2019.866	0.665	1.757	4041.13	1529.49	1502.62	26.869
2001	296294	113047.319	110860.314	2187.005	0.738	1.935	3890.54	1484.39	1455.67	28.717
2002	291898	111744.742	109346.036	2398.705	0.822	2.147	3789.34	1450.64	1419.50	31.139
2003	285865	110551.854	107935.393	2616.460	0.915	2.367	3671.31	1419.80	1386.19	33.603
2004	274177	107418.262	104745.694	2672.568	0.975	2.488	3481.92	1364.16	1330.22	33.940
2005	272379	107678.770	104820.539	2858.231	1.049	2.654	3417.44	1351.01	1315.15	35.861
2006	264118	104357.806	101450.028	2907.778	1.101	2.786	3281.83	1296.71	1260.58	36.131
2007	258419	102690.449	99637.132	3053.318	1.182	2.973	3176.05	1262.10	1224.57	37.526
2008	259461	103492.166	100040.885	3451.281	1.330	3.335	3150.91	1256.82	1214.90	41.913
2009	253907	101384.044	97671.871	3712.173	1.462	3.661	3045.20	1215.94	1171.42	44.522

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	5813942	2273243.679	2238370.422	34873.26	0.600	1.534	3927.78	1535.76	1512.20	23.560

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	78822	63444.407	63444.407	0.000	0.000	0.000	1240.32	998.340	998.340	0.000
1991	78462	63068.786	63059.916	8.870	0.011	0.014	1213.84	975.702	975.565	0.137
1992	77987	62535.347	62504.128	31.220	0.040	0.050	1185.97	950.993	950.518	0.475
1993	78542	62883.111	62816.726	66.386	0.085	0.106	1173.36	939.428	938.436	0.992
1994	77437	61805.804	61703.132	102.672	0.133	0.166	1135.48	906.276	904.771	1.506
1995	76904	61145.799	60992.076	153.724	0.200	0.251	1106.18	879.519	877.307	2.211
1996	76232	60385.323	60191.727	193.595	0.254	0.321	1079.72	855.277	852.535	2.742
1997	75473	59549.806	59338.948	210.857	0.279	0.354	1051.87	829.947	827.008	2.939
1998	75381	59292.315	59000.170	292.145	0.388	0.493	1033.62	813.010	809.004	4.006
1999	73159	57398.351	57036.355	361.997	0.495	0.631	987.557	774.807	769.921	4.887
2000	73784	57716.549	57271.555	444.994	0.603	0.771	981.515	767.777	761.857	5.920
2001	73294	57211.877	56712.650	499.228	0.681	0.873	962.399	751.230	744.675	6.555
2002	72442	56438.810	55887.633	551.177	0.761	0.977	940.422	732.673	725.518	7.155
2003	71942	55948.341	55368.392	579.949	0.806	1.037	923.937	718.533	711.085	7.448
2004	71301	55339.218	54729.782	609.437	0.855	1.101	905.490	702.783	695.043	7.740
2005	70964	54964.459	54331.323	633.136	0.892	1.152	890.360	689.620	681.676	7.944
2006	69658	53781.526	53151.197	630.330	0.905	1.172	865.543	668.268	660.436	7.832
2007	68565	52784.985	52127.678	657.307	0.959	1.245	842.687	648.745	640.666	8.079
2008	68226	52470.692	51705.772	764.920	1.121	1.458	828.542	637.208	627.919	9.289
2009	67509	51823.021	50990.753	832.268	1.233	1.606	809.661	621.533	611.552	9.982

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1476084	1159988.529	1152364.318	7624.210	0.517	0.657	997.213	783.665	778.514	5.151

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	171484	38382.899	38382.899	0.000	0.000	0.000	2698.42	603.981	603.981	0.000
1991	168044	37067.384	37047.524	19.860	0.012	0.054	2599.72	573.449	573.142	0.307
1992	164548	35863.851	35774.496	89.355	0.054	0.249	2502.33	545.392	544.033	1.359
1993	164362	35459.800	35251.568	208.232	0.127	0.587	2455.45	529.744	526.633	3.111
1994	159866	34293.631	33992.130	301.502	0.189	0.879	2344.16	502.857	498.436	4.421
1995	158083	33531.695	33097.433	434.261	0.275	1.295	2273.86	482.318	476.072	6.246
1996	154875	32438.163	31893.881	544.282	0.351	1.678	2193.60	459.443	451.734	7.709
1997	149970	31179.663	30542.407	637.255	0.425	2.044	2090.14	434.552	425.670	8.881
1998	145407	29860.736	29146.433	714.304	0.491	2.392	1993.81	409.447	399.653	9.794
1999	165952	34413.904	33408.139	1005.766	0.606	2.923	2240.15	464.545	450.969	13.577
2000	160260	33265.290	32190.282	1075.008	0.671	3.232	2131.87	442.513	428.213	14.300
2001	154444	32074.102	30930.120	1143.982	0.741	3.567	2027.95	421.154	406.133	15.021
2002	151887	31817.956	30569.162	1248.794	0.822	3.925	1971.76	413.052	396.841	16.212
2003	146733	31025.931	29625.257	1400.674	0.955	4.515	1884.46	398.460	380.471	17.989
2004	138381	29503.602	28068.194	1435.408	1.037	4.865	1757.38	374.682	356.453	18.229
2005	135881	29077.894	27536.239	1541.655	1.135	5.302	1704.85	364.830	345.487	19.343
2006	131922	28385.448	26763.470	1621.977	1.229	5.714	1639.21	352.707	332.553	20.154
2007	126502	27327.625	25623.589	1704.036	1.347	6.236	1554.75	335.866	314.922	20.943
2008	125859	27025.472	25169.528	1855.944	1.475	6.867	1528.44	328.199	305.661	22.539
2009	122428	26361.626	24361.891	1999.735	1.633	7.586	1468.33	316.165	292.182	23.984

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	2996888	638356.673	619374.642	18982.03	0.633	2.974	2024.64	431.261	418.437	12.824

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 19 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	32862	4587.597	4587.597	0.000	0.000	0.000	517.106	72.189	72.189	0.000
1991	32619	4487.983	4486.671	1.312	0.004	0.029	504.630	69.431	69.411	0.020
1992	32100	4371.196	4358.616	12.580	0.039	0.288	488.154	66.474	66.283	0.191
1993	32896	4414.136	4379.083	35.054	0.107	0.794	491.442	65.944	65.420	0.524
1994	33323	4474.895	4420.149	54.747	0.164	1.223	488.625	65.617	64.814	0.803
1995	33569	4476.290	4393.836	82.454	0.246	1.842	482.855	64.387	63.201	1.186
1996	33870	4489.078	4378.941	110.138	0.325	2.453	479.723	63.582	62.022	1.560
1997	33516	4444.866	4305.789	139.077	0.415	3.129	467.113	61.948	60.010	1.938
1998	32795	4313.427	4171.845	141.582	0.432	3.282	449.682	59.145	57.204	1.941
1999	33375	4232.739	4066.850	165.888	0.497	3.919	450.521	57.137	54.897	2.239
2000	33459	4307.577	4134.375	173.202	0.518	4.021	445.090	57.302	54.998	2.304
2001	32275	4136.308	3965.050	171.258	0.531	4.140	423.792	54.312	52.064	2.249
2002	31586	4079.175	3902.658	176.517	0.559	4.327	410.041	52.955	50.663	2.291
2003	30985	4096.221	3881.372	214.849	0.693	5.245	397.934	52.607	49.848	2.759
2004	29884	4034.217	3815.151	219.066	0.733	5.430	379.513	51.233	48.451	2.782
2005	28708	3944.303	3716.892	227.411	0.792	5.766	360.189	49.488	46.635	2.853
2006	28188	3970.169	3721.458	248.711	0.882	6.264	350.253	49.332	46.241	3.090
2007	28026	3957.558	3684.210	273.348	0.975	6.907	344.449	48.640	45.280	3.360
2008	27128	3812.302	3537.898	274.404	1.012	7.198	329.444	46.297	42.964	3.332
2009	27068	3827.467	3515.487	311.980	1.153	8.151	324.637	45.904	42.163	3.742

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	628232	84457.504	81423.927	3033.577	0.483	3.592	424.421	57.058	55.008	2.049

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Main Results for E-Component Summarized over Simulations for Run: 19

Variable Parameter	Value
1. Country	US (United States)
2. Sex	M (Males)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33993	19415.059	19415.059	0.000	0.000	0.000	534.903	305.509	305.509	0.000
1991	34092	19508.431	19504.841	3.590	0.011	0.018	527.418	301.804	301.749	0.056
1992	33942	19373.324	19358.657	14.667	0.043	0.076	516.166	294.616	294.393	0.223
1993	35913	20512.169	20479.549	32.620	0.091	0.159	536.514	306.437	305.950	0.487
1994	35074	19906.392	19851.344	55.049	0.157	0.277	514.300	291.893	291.086	0.807
1995	34669	19512.784	19426.732	86.052	0.248	0.441	498.677	280.671	279.433	1.238
1996	34582	19294.631	19186.005	108.625	0.314	0.563	489.808	273.283	271.744	1.539
1997	35267	19490.717	19373.442	117.275	0.333	0.602	491.517	271.643	270.008	1.634
1998	35675	19571.902	19384.690	187.212	0.525	0.957	489.172	268.368	265.801	2.567
1999	38516	21022.469	20750.800	271.669	0.705	1.292	519.919	283.777	280.110	3.667
2000	36283	19687.992	19361.330	326.662	0.900	1.659	482.656	261.900	257.555	4.345
2001	36281	19625.032	19252.494	372.538	1.027	1.898	476.394	257.690	252.798	4.892
2002	35983	19408.801	18986.584	422.217	1.173	2.175	467.122	251.960	246.479	5.481
2003	36205	19481.360	19060.372	420.988	1.163	2.161	464.974	250.195	244.789	5.407
2004	34611	18541.224	18132.567	408.657	1.181	2.204	439.544	235.465	230.275	5.190
2005	36826	19692.114	19236.085	456.029	1.238	2.316	462.043	247.070	241.348	5.722
2006	34350	18220.663	17813.903	406.760	1.184	2.232	426.820	226.403	221.349	5.054
2007	35326	18620.282	18201.655	418.627	1.185	2.248	434.168	228.849	223.704	5.145
2008	38248	20183.701	19627.688	556.013	1.454	2.755	464.487	245.112	238.360	6.752
2009	36902	19371.930	18803.739	568.190	1.540	2.933	442.580	232.335	225.521	6.815

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	712738	390440.974	385207.534	5233.440	0.734	1.340	481.512	263.774	260.239	3.536

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

System Date and Time: 20160406_134844
User: JohnH
SAS Version: 9.4
Project: Population Health Impact Model 4.0

Fixed Age of Starting Smoking = 16

Control File Details for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of months of follow-up	240
5. Follow-up interval length (in months)	12
6. Lower age for risk estimation	10
7. Upper age for risk estimation	79
8. The effective dose for MRTP only (F)	0.2
9. The effective dose for Dual use (G)	0.6
10. STP factor 1	2
11. STP factor 2	2
12. STP factor 3	2
13. Definition of short-term	2
14. Number in population to be simulated	10000
15. Number of MC simulations	1
16. The random number seed for the first simulation	15975263
17. Source for the population file (POP)	UN
18. Source for the current smoking prevalence file (CSP)	ISS
19. Source for the former smoking prevalence file (FSP)	ISS
20. Source for the quit-time distribution file (QTD)	NHIS2006
21. Source for the death file (MORT)	DEC-14
22. Source for the relative risk file (RR)	PNLEST
23. Source for the half-life file (H)	PNLEST
24. Assumption Set for STP Null	GUESSNULL1
25. Assumption Set for STP MRTP	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_5_Varying_STP_Factor_1_4
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	4

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STP values for Run: 20, Scenario: STP_NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Assumption Set	GUESSNULL1

		Initiation	Switch from Current	Re-initiation
Age	Period	Never	Current	Former
		Current	Former	Current
10-14	1-3	0.002000	0.000500	0.000240
15-19	1-3	0.003500	0.001500	0.000720
20-24	1-3	0.002000	0.002000	0.000960
25-29	1-3	0.001000	0.002000	0.000960
30-34	1-3	0.000500	0.002000	0.000960
35-39	1-3	0.000000	0.002000	0.000960
40-44	1-3	0.000000	0.002000	0.000960
45-49	1-3	0.000000	0.002000	0.000960
50-54	1-3	0.000000	0.002000	0.000960
55-59	1-3	0.000000	0.002500	0.001200
60-64	1-3	0.000000	0.002500	0.001200
65-69	1-3	0.000000	0.003000	0.001440
70-74	1-3	0.000000	0.003500	0.001680
75-79	1-3	0.000000	0.004000	0.001920
10-14	4+	0.002000	0.000500	0.000240
15-19	4+	0.003500	0.001500	0.000720
20-24	4+	0.002000	0.002000	0.000960
25-29	4+	0.001000	0.002000	0.000960

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

30-34	4+	0.000500	0.002000	0.000960
35-39	4+	0.000000	0.002000	0.000960
40-44	4+	0.000000	0.002000	0.000960
45-49	4+	0.000000	0.002000	0.000960
50-54	4+	0.000000	0.002000	0.000960
55-59	4+	0.000000	0.002500	0.001200
60-64	4+	0.000000	0.002500	0.001200
65-69	4+	0.000000	0.003000	0.001440
70-74	4+	0.000000	0.003500	0.001680
75-79	4+	0.000000	0.004000	0.001920

****

STP values for Run: 20, Scenario: STP_MRTP

Variable	**Parameter**	**Value**
1. Country		US (United States)
2. Sex		F (Females)
3. Assumption Set		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 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

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Main Output for the Smoking History Summarized over Simulations for Run: 20, Scenario: NULL

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current	2058.00	23.75	0.00	0.00			
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current	53.00	16.51	0.00	0.00			
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current	211.00	25.39	0.00	0.00			
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current	290.00	29.03	0.00	0.00			
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current	342.00	30.48	0.00	0.00			
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current	241.00	24.85	0.00	0.00			
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current	206.00	25.40	0.00	0.00			
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current	166.00	26.73	0.00	0.00			
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current	145.00	27.10	0.00	0.00			
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current	110.00	22.54	0.00	0.00			
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current	113.00	21.08	0.00	0.00			
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current	81.00	15.03	0.00	0.00			
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current	55.00	11.32	0.00	0.00			
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current	45.00	11.11	0.00	0.00			
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4861.00	53.54					
5	All Ages	Current	2229.00	24.55	120.00	5.38			
5	All Ages	Former	1990.00	21.92			14.73	120.00	6.03

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	254.00	85.23					
5	18-19	Current	43.00	14.43	0.00	0.00			
5	18-19	Former	1.00	0.34			0.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	20-24	Never Any	550.00	65.17					
5	20-24	Current	259.00	30.69	1.00	0.39			
5	20-24	Former	35.00	4.15			3.23	9.00	25.71

Year of Follow-up: 1995, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	449.00	54.03					
5	25-29	Current	251.00	30.20	11.00	4.38			
5	25-29	Former	131.00	15.76			5.64	8.00	6.11

Year of Follow-up: 1995, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	520.00	52.05					
5	30-34	Current	299.00	29.93	11.00	3.68			
5	30-34	Former	180.00	18.02			7.79	15.00	8.33

Year of Follow-up: 1995, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	559.00	49.82					
5	35-39	Current	328.00	29.23	16.00	4.88			
5	35-39	Former	235.00	20.94			8.29	16.00	6.81

Year of Follow-up: 1995, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current	230.00	23.71	19.00	8.26			
5	40-44	Former	243.00	25.05			11.45	17.00	7.00

Year of Follow-up: 1995, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current	194.00	23.92	8.00	4.12			
5	45-49	Former	195.00	24.04			11.56	10.00	5.13

Year of Follow-up: 1995, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current	154.00	24.80	9.00	5.84			
5	50-54	Former	166.00	26.73			15.46	8.00	4.82

Year of Follow-up: 1995, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current	130.00	24.30	5.00	3.85			
5	55-59	Former	153.00	28.60			15.16	7.00	4.58

Year of Follow-up: 1995, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current	101.00	20.70	4.00	3.96			
5	60-64	Former	137.00	28.07			20.60	7.00	5.11

Year of Follow-up: 1995, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

5	65-69	Never Any	260.00	48.51					
5	65-69	Current	108.00	20.15	13.00	12.04			
5	65-69	Former	168.00	31.34			21.20	8.00	4.76

Year of Follow-up: 1995, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current	76.00	14.10	9.00	11.84			
5	70-74	Former	183.00	33.95			24.28	10.00	5.46

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current	56.00	11.52	14.00	25.00			
5	75-79	Former	163.00	33.54			26.72	4.00	2.45

Year of Follow-up: 2000, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	All Ages	Never Any	4862.00	53.38					
10	All Ages	Current	2212.00	24.28	200.00	9.04			
10	All Ages	Former	2035.00	22.34			15.88	142.00	6.98

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current	0.00	.	0.00	.			
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	606.00	74.54					
10	20-24	Current	184.00	22.63	0.00	0.00			
10	20-24	Former	23.00	2.83			1.96	12.00	52.17

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	498.00	59.00					
10	25-29	Current	279.00	33.06	6.00	2.15			
10	25-29	Former	67.00	7.94			4.97	15.00	22.39

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	422.00	50.78					
10	30-34	Current	262.00	31.53	25.00	9.54			
10	30-34	Former	147.00	17.69			8.78	15.00	10.20

Year of Follow-up: 2000, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	35-39	Never Any	515.00	51.55					
10	35-39	Current	271.00	27.13	14.00	5.17			
10	35-39	Former	213.00	21.32			10.85	15.00	7.04

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	559.00	49.82					
10	40-44	Current	296.00	26.38	24.00	8.11			
10	40-44	Former	267.00	23.80			11.52	17.00	6.37

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current	208.00	21.44	28.00	13.46			
10	45-49	Former	265.00	27.32			14.52	14.00	5.28

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	50-54	Never Any	422.00	52.03					
10	50-54	Current	183.00	22.56	20.00	10.93			
10	50-54	Former	206.00	25.40			14.78	14.00	6.80

Year of Follow-up: 2000, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current	145.00	23.35	15.00	10.34			
10	55-59	Former	175.00	28.18			18.89	8.00	4.57

Year of Follow-up: 2000, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current	127.00	23.74	15.00	11.81			
10	60-64	Former	156.00	29.16			18.51	4.00	2.56

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2000, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current	92.00	18.85	13.00	14.13			
10	65-69	Former	146.00	29.92			22.28	8.00	5.48

Year of Follow-up: 2000, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current	91.00	16.98	16.00	17.58			
10	70-74	Former	185.00	34.51			22.55	9.00	4.86

Year of Follow-up: 2000, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current	74.00	13.73	24.00	32.43			
10	75-79	Former	185.00	34.32			25.64	11.00	5.95

Year of Follow-up: 2005, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4491.00	52.40					
15	All Ages	Current	2076.00	24.22	277.00	13.34			
15	All Ages	Former	2003.00	23.37			17.29	123.00	6.14

Year of Follow-up: 2005, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	18-19	Never Any	0.00	.					
15	18-19	Current	0.00	.	0.00	.			
15	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	20-24	Never Any	0.00	.					
15	20-24	Current	0.00	.	0.00	.			
15	20-24	Former	0.00	.			.	0.00	.

Year of Follow-up: 2005, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	25-29	Never Any	549.00	67.53					
15	25-29	Current	223.00	27.43	1.00	0.45			
15	25-29	Former	41.00	5.04			4.46	11.00	26.83

Year of Follow-up: 2005, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	473.00	56.04					
15	30-34	Current	277.00	32.82	12.00	4.33			
15	30-34	Former	94.00	11.14			7.35	14.00	14.89

Year of Follow-up: 2005, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	413.00	49.70					
15	35-39	Current	241.00	29.00	28.00	11.62			
15	35-39	Former	177.00	21.30			11.16	13.00	7.34

Year of Follow-up: 2005, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	40-44	Never Any	515.00	51.55					
15	40-44	Current	260.00	26.03	32.00	12.31			
15	40-44	Former	224.00	22.42			14.11	14.00	6.25

Year of Follow-up: 2005, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	45-49	Never Any	559.00	49.82					
15	45-49	Current	276.00	24.60	38.00	13.77			
15	45-49	Former	287.00	25.58			14.89	12.00	4.18

Year of Follow-up: 2005, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	50-54	Never Any	497.00	51.24					
15	50-54	Current	199.00	20.52	37.00	18.59			
15	50-54	Former	274.00	28.25			17.97	9.00	3.28

Year of Follow-up: 2005, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	55-59	Never Any	422.00	52.03					
15	55-59	Current	168.00	20.72	28.00	16.67			
15	55-59	Former	221.00	27.25			17.53	12.00	5.43

Year of Follow-up: 2005, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	60-64	Never Any	301.00	48.47					
15	60-64	Current	133.00	21.42	22.00	16.54			
15	60-64	Former	187.00	30.11			21.34	9.00	4.81
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current	122.00	22.80	22.00	18.03			
15	65-69	Former	161.00	30.09			21.48	8.00	4.97
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current	91.00	18.65	29.00	31.87			
15	70-74	Former	147.00	30.12			24.10	9.00	6.12
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current	86.00	16.04	28.00	32.56			
15	75-79	Former	190.00	35.45			24.03	12.00	6.32
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4198.00	52.25					
20	All Ages	Current	1870.00	23.28	298.00	15.94			
20	All Ages	Former	1966.00	24.47			18.93	102.00	5.19
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current	0.00	.	0.00	.			
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current	0.00	.	0.00	.			
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current	0.00	.	0.00	.			
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	525.00	64.58					
20	30-34	Current	222.00	27.31	4.00	1.80			
20	30-34	Former	66.00	8.12			6.38	13.00	19.70
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	464.00	54.98					
20	35-39	Current	268.00	31.75	14.00	5.22			
20	35-39	Former	112.00	13.27			10.45	11.00	9.82
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	413.00	49.70					
20	40-44	Current	222.00	26.71	28.00	12.61			
20	40-44	Former	196.00	23.59			14.27	10.00	5.10
Year of Follow-up: 2010, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	45-49	Never Any	515.00	51.55					
20	45-49	Current	240.00	24.02	38.00	15.83			
20	45-49	Former	244.00	24.42			16.90	12.00	4.92
Year of Follow-up: 2010, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	50-54	Never Any	559.00	49.82					
20	50-54	Current	261.00	23.26	50.00	19.16			
20	50-54	Former	302.00	26.92			17.95	9.00	2.98
Year of Follow-up: 2010, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	55-59	Never Any	497.00	51.24					
20	55-59	Current	180.00	18.56	40.00	22.22			
20	55-59	Former	293.00	30.21			20.76	11.00	3.75

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 2010, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current	160.00	19.73	39.00	24.38			
20	60-64	Former	229.00	28.24			20.08	10.00	4.37

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current	124.00	19.97	28.00	22.58			
20	65-69	Former	196.00	31.56			23.72	7.00	3.57

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current	115.00	21.50	30.00	26.09			
20	70-74	Former	168.00	31.40			23.68	8.00	4.76

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current	78.00	15.98	27.00	34.62			
20	75-79	Former	160.00	32.79			24.91	11.00	6.88

****

Main Output for the Smoking History Summarized over Simulations for Run: 20, Scenario: MRTP

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1

Year of Follow-up: 1990, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	All Ages	Never Any	4680.00	54.02					
0	All Ages	Current CC	2058.00	23.75	0.00	0.00			
0	All Ages	Current MRTP	0.00	0.00					
0	All Ages	Current Dual	0.00	0.00					
0	All Ages	Former	1926.00	22.23			12.32	329.00	17.08

Year of Follow-up: 1990, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	18-19	Never Any	254.00	79.13					
0	18-19	Current CC	53.00	16.51	0.00	0.00			
0	18-19	Current MRTP	0.00	0.00					
0	18-19	Current Dual	0.00	0.00					
0	18-19	Former	14.00	4.36			0.07	14.00	100.00

Year of Follow-up: 1990, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	20-24	Never Any	504.00	60.65					
0	20-24	Current CC	211.00	25.39	0.00	0.00			
0	20-24	Current MRTP	0.00	0.00					
0	20-24	Current Dual	0.00	0.00					
0	20-24	Former	116.00	13.96			1.42	60.00	51.72

Year of Follow-up: 1990, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	25-29	Never Any	546.00	54.65					
0	25-29	Current CC	290.00	29.03	0.00	0.00			
0	25-29	Current MRTP	0.00	0.00					
0	25-29	Current Dual	0.00	0.00					
0	25-29	Former	163.00	16.32			3.96	45.00	27.61

Year of Follow-up: 1990, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	30-34	Never Any	570.00	50.80					
0	30-34	Current CC	342.00	30.48	0.00	0.00			
0	30-34	Current MRTP	0.00	0.00					
0	30-34	Current Dual	0.00	0.00					
0	30-34	Former	210.00	18.72			4.60	67.00	31.90

Year of Follow-up: 1990, Age Group: 35-39

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	35-39	Never Any	497.00	51.24					
0	35-39	Current CC	241.00	24.85	0.00	0.00			
0	35-39	Current MRTP	0.00	0.00					
0	35-39	Current Dual	0.00	0.00					
0	35-39	Former	232.00	23.92			7.78	38.00	16.38

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Year of Follow-up: 1990, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	40-44	Never Any	422.00	52.03					
0	40-44	Current CC	206.00	25.40	0.00	0.00			
0	40-44	Current MRTP	0.00	0.00					
0	40-44	Current Dual	0.00	0.00					
0	40-44	Former	183.00	22.56			7.85	30.00	16.39

Year of Follow-up: 1990, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	45-49	Never Any	301.00	48.47					
0	45-49	Current CC	166.00	26.73	0.00	0.00			
0	45-49	Current MRTP	0.00	0.00					
0	45-49	Current Dual	0.00	0.00					
0	45-49	Former	154.00	24.80			12.55	22.00	14.29

Year of Follow-up: 1990, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	50-54	Never Any	252.00	47.10					
0	50-54	Current CC	145.00	27.10	0.00	0.00			
0	50-54	Current MRTP	0.00	0.00					
0	50-54	Current Dual	0.00	0.00					
0	50-54	Former	138.00	25.79			12.03	17.00	12.32

Year of Follow-up: 1990, Age Group: 55-59

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	55-59	Never Any	250.00	51.23					
0	55-59	Current CC	110.00	22.54	0.00	0.00			
0	55-59	Current MRTP	0.00	0.00					
0	55-59	Current Dual	0.00	0.00					
0	55-59	Former	128.00	26.23			17.90	10.00	7.81

Year of Follow-up: 1990, Age Group: 60-64

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	60-64	Never Any	260.00	48.51					
0	60-64	Current CC	113.00	21.08	0.00	0.00			
0	60-64	Current MRTP	0.00	0.00					
0	60-64	Current Dual	0.00	0.00					
0	60-64	Former	163.00	30.41			18.57	9.00	5.52

Year of Follow-up: 1990, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	65-69	Never Any	280.00	51.95					
0	65-69	Current CC	81.00	15.03	0.00	0.00			
0	65-69	Current MRTP	0.00	0.00					
0	65-69	Current Dual	0.00	0.00					
0	65-69	Former	178.00	33.02			21.04	8.00	4.49

Year of Follow-up: 1990, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	70-74	Never Any	267.00	54.94					
0	70-74	Current CC	55.00	11.32	0.00	0.00			
0	70-74	Current MRTP	0.00	0.00					
0	70-74	Current Dual	0.00	0.00					
0	70-74	Former	164.00	33.74			24.13	8.00	4.88

Year of Follow-up: 1990, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
0	75-79	Never Any	277.00	68.40					
0	75-79	Current CC	45.00	11.11	0.00	0.00			
0	75-79	Current MRTP	0.00	0.00					
0	75-79	Current Dual	0.00	0.00					
0	75-79	Former	83.00	20.49			25.34	1.00	1.20

Year of Follow-up: 1995, Age Group: All Ages

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	All Ages	Never Any	4886.00	53.81					
5	All Ages	Current CC	2021.00	22.26	116.00	5.27			
5	All Ages	Current MRTP	110.00	1.21					
5	All Ages	Current Dual	71.00	0.78					
5	All Ages	Former	1992.00	21.94			14.74	111.00	5.57

Year of Follow-up: 1995, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	18-19	Never Any	253.00	84.90					
5	18-19	Current CC	31.00	10.40	0.00	0.00			
5	18-19	Current MRTP	5.00	1.68					
5	18-19	Current Dual	8.00	2.68					
5	18-19	Former	1.00	0.34			1.00	1.00	100.00

Year of Follow-up: 1995, Age Group: 20-24

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.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	1.17			
5	20-24	Current MRTP	19.00	2.25					
5	20-24	Current Dual	15.00	1.78					
5	20-24	Former	29.00	3.44			2.83	10.00	34.48
Year of Follow-up: 1995, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	25-29	Never Any	463.00	55.72					
5	25-29	Current CC	205.00	24.67	9.00	3.91			
5	25-29	Current MRTP	16.00	1.93					
5	25-29	Current Dual	9.00	1.08					
5	25-29	Former	138.00	16.61			5.41	13.00	9.42
Year of Follow-up: 1995, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	30-34	Never Any	522.00	52.25					
5	30-34	Current CC	280.00	28.03	13.00	4.39			
5	30-34	Current MRTP	7.00	0.70					
5	30-34	Current Dual	9.00	0.90					
5	30-34	Former	181.00	18.12			7.85	10.00	5.52
Year of Follow-up: 1995, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	35-39	Never Any	561.00	50.00					
5	35-39	Current CC	302.00	26.92	8.00	2.48			
5	35-39	Current MRTP	14.00	1.25					
5	35-39	Current Dual	7.00	0.62					
5	35-39	Former	238.00	21.21			8.50	16.00	6.72
Year of Follow-up: 1995, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	40-44	Never Any	497.00	51.24					
5	40-44	Current CC	213.00	21.96	9.00	4.07			
5	40-44	Current MRTP	8.00	0.82					
5	40-44	Current Dual	0.00	0.00					
5	40-44	Former	252.00	25.98			11.56	14.00	5.56
Year of Follow-up: 1995, Age Group: 45-49									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	45-49	Never Any	422.00	52.03					
5	45-49	Current CC	171.00	21.09	8.00	4.35			
5	45-49	Current MRTP	7.00	0.86					
5	45-49	Current Dual	6.00	0.74					
5	45-49	Former	205.00	25.28			11.18	14.00	6.83
Year of Follow-up: 1995, Age Group: 50-54									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	50-54	Never Any	301.00	48.47					
5	50-54	Current CC	146.00	23.51	9.00	5.92			
5	50-54	Current MRTP	4.00	0.64					
5	50-54	Current Dual	2.00	0.32					
5	50-54	Former	168.00	27.05			15.17	12.00	7.14
Year of Follow-up: 1995, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	55-59	Never Any	252.00	47.10					
5	55-59	Current CC	120.00	22.43	7.00	5.43			
5	55-59	Current MRTP	7.00	1.31					
5	55-59	Current Dual	2.00	0.37					
5	55-59	Former	154.00	28.79			15.18	4.00	2.60
Year of Follow-up: 1995, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	60-64	Never Any	250.00	51.23					
5	60-64	Current CC	99.00	20.29	7.00	6.54			
5	60-64	Current MRTP	7.00	1.43					
5	60-64	Current Dual	1.00	0.20					
5	60-64	Former	131.00	26.84			21.34	4.00	3.05
Year of Follow-up: 1995, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	65-69	Never Any	260.00	48.51					
5	65-69	Current CC	106.00	19.78	16.00	13.79			
5	65-69	Current MRTP	4.00	0.75					
5	65-69	Current Dual	6.00	1.12					
5	65-69	Former	160.00	29.85			21.34	6.00	3.75
Year of Follow-up: 1995, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever	Ever	Mean Yrs	Short	Short

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

					Quit (N)	Quit %	Quit	Term (n)	Term %
5	70-74	Never Any	280.00	51.95					
5	70-74	Current CC	75.00	13.91	12.00	14.63			
5	70-74	Current MRTP	6.00	1.11					
5	70-74	Current Dual	1.00	0.19					
5	70-74	Former	177.00	32.84			24.53	6.00	3.39

Year of Follow-up: 1995, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
5	75-79	Never Any	267.00	54.94					
5	75-79	Current CC	50.00	10.29	15.00	24.59			
5	75-79	Current MRTP	6.00	1.23					
5	75-79	Current Dual	5.00	1.03					
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	1856.00	20.38	187.00	8.49			
10	All Ages	Current MRTP	225.00	2.47					
10	All Ages	Current Dual	122.00	1.34					
10	All Ages	Former	2008.00	22.04			16.24	109.00	5.43

Year of Follow-up: 2000, Age Group: 18-19

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	18-19	Never Any	0.00	.					
10	18-19	Current CC	0.00	.	0.00	.			
10	18-19	Current MRTP	0.00	.					
10	18-19	Current Dual	0.00	.					
10	18-19	Former	0.00	.			.	0.00	.

Year of Follow-up: 2000, Age Group: 20-24

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	20-24	Never Any	601.00	73.92					
10	20-24	Current CC	138.00	16.97	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	18.00	2.21			2.61	5.00	27.78

Year of Follow-up: 2000, Age Group: 25-29

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	25-29	Never Any	523.00	61.97					
10	25-29	Current CC	210.00	24.88	5.00	1.87			
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			4.96	12.00	22.64

Year of Follow-up: 2000, Age Group: 30-34

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	30-34	Never Any	441.00	53.07					
10	30-34	Current CC	188.00	22.62	13.00	5.63			
10	30-34	Current MRTP	25.00	3.01					
10	30-34	Current Dual	18.00	2.17					
10	30-34	Former	159.00	19.13			8.92	12.00	7.55

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	26.00	8.84			
10	35-39	Current MRTP	23.00	2.30					
10	35-39	Current Dual	17.00	1.70					
10	35-39	Former	195.00	19.52			11.24	8.00	4.10

Year of Follow-up: 2000, Age Group: 40-44

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	40-44	Never Any	561.00	50.00					
10	40-44	Current CC	262.00	23.35	18.00	6.27			
10	40-44	Current MRTP	19.00	1.69					
10	40-44	Current Dual	6.00	0.53					
10	40-44	Former	274.00	24.42			11.37	18.00	6.57

Year of Follow-up: 2000, Age Group: 45-49

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	45-49	Never Any	497.00	51.24					
10	45-49	Current CC	182.00	18.76	20.00	9.66			
10	45-49	Current MRTP	19.00	1.96					
10	45-49	Current Dual	6.00	0.62					
10	45-49	Former	266.00	27.42			15.25	8.00	3.01

Year of Follow-up: 2000, Age Group: 50-54

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

10	50-54	Never Any	422.00	52.03					
10	50-54	Current CC	153.00	18.87	19.00	10.86			
10	50-54	Current MRTP	17.00	2.10					
10	50-54	Current Dual	5.00	0.62					
10	50-54	Former	214.00	26.39			14.72	8.00	3.74
Year of Follow-up: 2000, Age Group: 55-59									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	55-59	Never Any	301.00	48.47					
10	55-59	Current CC	126.00	20.29	16.00	11.19			
10	55-59	Current MRTP	12.00	1.93					
10	55-59	Current Dual	5.00	0.81					
10	55-59	Former	177.00	28.50			18.34	6.00	3.39
Year of Follow-up: 2000, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	60-64	Never Any	252.00	47.10					
10	60-64	Current CC	105.00	19.63	12.00	10.00			
10	60-64	Current MRTP	12.00	2.24					
10	60-64	Current Dual	3.00	0.56					
10	60-64	Former	163.00	30.47			18.43	6.00	3.68
Year of Follow-up: 2000, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	65-69	Never Any	250.00	51.23					
10	65-69	Current CC	89.00	18.24	12.00	12.12			
10	65-69	Current MRTP	6.00	1.23					
10	65-69	Current Dual	4.00	0.82					
10	65-69	Former	139.00	28.48			23.78	5.00	3.60
Year of Follow-up: 2000, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	70-74	Never Any	260.00	48.51					
10	70-74	Current CC	85.00	15.86	19.00	18.63			
10	70-74	Current MRTP	13.00	2.43					
10	70-74	Current Dual	4.00	0.75					
10	70-74	Former	174.00	32.46			23.40	10.00	5.75
Year of Follow-up: 2000, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
10	75-79	Never Any	280.00	51.95					
10	75-79	Current CC	64.00	11.87	27.00	32.53			
10	75-79	Current MRTP	18.00	3.34					
10	75-79	Current Dual	1.00	0.19					
10	75-79	Former	176.00	32.65			26.93	11.00	6.25
Year of Follow-up: 2005, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	All Ages	Never Any	4523.00	52.78					
15	All Ages	Current CC	1564.00	18.25	239.00	11.88			
15	All Ages	Current MRTP	284.00	3.31					
15	All Ages	Current Dual	164.00	1.91					
15	All Ages	Former	2035.00	23.75			17.35	128.00	6.29
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			3.95	14.00	36.84
Year of Follow-up: 2005, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	30-34	Never Any	490.00	58.06					

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

15	30-34	Current CC	189.00	22.39	10.00	3.65			
15	30-34	Current MRTP	53.00	6.28					
15	30-34	Current Dual	32.00	3.79					
15	30-34	Former	80.00	9.48			6.81	15.00	18.75
Year of Follow-up: 2005, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	35-39	Never Any	434.00	52.23					
15	35-39	Current CC	161.00	19.37	22.00	10.48			
15	35-39	Current MRTP	30.00	3.61					
15	35-39	Current Dual	19.00	2.29					
15	35-39	Former	187.00	22.50			11.67	12.00	6.42
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	34.00	12.41			
15	40-44	Current MRTP	28.00	2.80					
15	40-44	Current Dual	24.00	2.40					
15	40-44	Former	215.00	21.52			14.24	9.00	4.19
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	228.00	20.32	25.00	9.26			
15	45-49	Current MRTP	31.00	2.76					
15	45-49	Current Dual	11.00	0.98					
15	45-49	Former	291.00	25.94			14.92	13.00	4.47
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	15.68			
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			17.96	13.00	4.51
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	26.00	16.25			
15	55-59	Current MRTP	18.00	2.22					
15	55-59	Current Dual	7.00	0.86					
15	55-59	Former	229.00	28.24			17.70	11.00	4.80
Year of Follow-up: 2005, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	60-64	Never Any	301.00	48.47					
15	60-64	Current CC	100.00	16.10	18.00	14.75			
15	60-64	Current MRTP	18.00	2.90					
15	60-64	Current Dual	4.00	0.64					
15	60-64	Former	198.00	31.88			20.20	8.00	4.04
Year of Follow-up: 2005, Age Group: 65-69									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	65-69	Never Any	252.00	47.10					
15	65-69	Current CC	94.00	17.57	25.00	22.32			
15	65-69	Current MRTP	13.00	2.43					
15	65-69	Current Dual	5.00	0.93					
15	65-69	Former	171.00	31.96			21.33	9.00	5.26
Year of Follow-up: 2005, Age Group: 70-74									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	70-74	Never Any	250.00	51.23					
15	70-74	Current CC	68.00	13.93	20.00	23.53			
15	70-74	Current MRTP	9.00	1.84					
15	70-74	Current Dual	8.00	1.64					
15	70-74	Former	153.00	31.35			23.54	12.00	7.84
Year of Follow-up: 2005, Age Group: 75-79									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
15	75-79	Never Any	260.00	48.51					
15	75-79	Current CC	69.00	12.87	28.00	30.77			
15	75-79	Current MRTP	17.00	3.17					
15	75-79	Current Dual	5.00	0.93					
15	75-79	Former	185.00	34.51			24.65	12.00	6.49
Year of Follow-up: 2010, Age Group: All Ages									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	All Ages	Never Any	4226.00	52.60					
20	All Ages	Current CC	1313.00	16.34	261.00	14.69			

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	All Ages	Current MRTP	299.00	3.72					
20	All Ages	Current Dual	165.00	2.05					
20	All Ages	Former	2031.00	25.28			18.86	119.00	5.86
Year of Follow-up: 2010, Age Group: 18-19									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	18-19	Never Any	0.00	.					
20	18-19	Current CC	0.00	.	0.00	.			
20	18-19	Current MRTP	0.00	.					
20	18-19	Current Dual	0.00	.					
20	18-19	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 20-24									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	20-24	Never Any	0.00	.					
20	20-24	Current CC	0.00	.	0.00	.			
20	20-24	Current MRTP	0.00	.					
20	20-24	Current Dual	0.00	.					
20	20-24	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 25-29									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	25-29	Never Any	0.00	.					
20	25-29	Current CC	0.00	.	0.00	.			
20	25-29	Current MRTP	0.00	.					
20	25-29	Current Dual	0.00	.					
20	25-29	Former	0.00	.			.	0.00	.
Year of Follow-up: 2010, Age Group: 30-34									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	30-34	Never Any	521.00	64.08					
20	30-34	Current CC	140.00	17.22	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	63.00	7.75			5.81	13.00	20.63
Year of Follow-up: 2010, Age Group: 35-39									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	35-39	Never Any	478.00	56.64					
20	35-39	Current CC	161.00	19.08	11.00	4.35			
20	35-39	Current MRTP	58.00	6.87					
20	35-39	Current Dual	34.00	4.03					
20	35-39	Former	113.00	13.39			8.50	17.00	15.04
Year of Follow-up: 2010, Age Group: 40-44									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	40-44	Never Any	434.00	52.23					
20	40-44	Current CC	139.00	16.73	26.00	13.76			
20	40-44	Current MRTP	33.00	3.97					
20	40-44	Current Dual	17.00	2.05					
20	40-44	Former	208.00	25.03			14.87	6.00	2.88
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	38.00	15.02			
20	45-49	Current MRTP	29.00	2.90					
20	45-49	Current Dual	24.00	2.40					
20	45-49	Former	236.00	23.62			16.95	8.00	3.39
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	201.00	17.91	32.00	12.96			
20	50-54	Current MRTP	32.00	2.85					
20	50-54	Current Dual	14.00	1.25					
20	50-54	Former	314.00	27.99			17.73	16.00	5.10
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	133.00	13.71	36.00	21.56			
20	55-59	Current MRTP	26.00	2.68					
20	55-59	Current Dual	8.00	0.82					
20	55-59	Former	306.00	31.55			20.69	13.00	4.25
Year of Follow-up: 2010, Age Group: 60-64									
Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	60-64	Never Any	422.00	52.03					
20	60-64	Current CC	113.00	13.93	37.00	24.50			
20	60-64	Current MRTP	26.00	3.21					

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

20	60-64	Current Dual	12.00	1.48					
20	60-64	Former	238.00	29.35			20.62	10.00	4.20

Year of Follow-up: 2010, Age Group: 65-69

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	65-69	Never Any	301.00	48.47					
20	65-69	Current CC	88.00	14.17	23.00	20.54			
20	65-69	Current MRTP	20.00	3.22					
20	65-69	Current Dual	4.00	0.64					
20	65-69	Former	208.00	33.49			23.00	9.00	4.33

Year of Follow-up: 2010, Age Group: 70-74

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	70-74	Never Any	252.00	47.10					
20	70-74	Current CC	79.00	14.77	28.00	28.00			
20	70-74	Current MRTP	13.00	2.43					
20	70-74	Current Dual	8.00	1.50					
20	70-74	Former	183.00	34.21			23.75	13.00	7.10

Year of Follow-up: 2010, Age Group: 75-79

Period	Age Group	Smoking Group	N	%	Ever Quit (N)	Ever Quit %	Mean Yrs Quit	Short Term (n)	Short Term %
20	75-79	Never Any	250.00	51.23					
20	75-79	Current CC	59.00	12.09	26.00	34.21			
20	75-79	Current MRTP	12.00	2.46					
20	75-79	Current Dual	5.00	1.02					
20	75-79	Former	162.00	33.20			24.44	14.00	8.64

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	Four Diseases Combined

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
1990	199848	57300.589	57300.589	0.000	0.000	0.000	2876.55	824.768	824.768	0.000
1991	199162	59127.861	59119.183	8.679	0.004	0.015	2826.86	839.248	839.124	0.123
1992	198532	60226.142	60211.961	14.181	0.007	0.024	2778.64	842.922	842.724	0.198
1993	202512	62332.320	62278.595	53.725	0.027	0.086	2793.47	859.818	859.076	0.741
1994	200658	62691.239	62616.214	75.025	0.037	0.120	2725.82	851.622	850.603	1.019
1995	201023	63132.954	63014.747	118.207	0.059	0.187	2687.54	844.043	842.463	1.580
1996	201180	64309.880	64226.060	83.820	0.042	0.130	2653.67	848.280	847.174	1.106
1997	198639	64547.894	64427.503	120.391	0.061	0.187	2583.39	839.475	837.909	1.566
1998	197573	65384.866	65144.543	240.323	0.122	0.368	2533.29	838.367	835.285	3.081
1999	211329	67554.762	67160.639	394.123	0.186	0.583	2673.14	854.513	849.528	4.985
2000	208496	68184.366	67679.748	504.618	0.242	0.740	2604.20	851.652	845.349	6.303
2001	203606	68286.060	67635.883	650.178	0.319	0.952	2514.65	843.372	835.342	8.030
2002	200828	68983.996	68262.757	721.239	0.359	1.046	2455.47	843.450	834.632	8.818
2003	196352	68717.830	67771.315	946.515	0.482	1.377	2377.49	832.057	820.597	11.461
2004	188160	67344.952	66082.563	1262.389	0.671	1.875	2254.66	806.974	791.847	15.127
2005	186416	67846.650	66377.497	1469.153	0.788	2.165	2208.07	803.634	786.232	17.402
2006	180088	66622.465	64695.070	1927.395	1.070	2.893	2113.55	781.893	759.273	22.620
2007	175644	65977.201	63710.523	2266.678	1.290	3.436	2039.92	766.256	739.931	26.325
2008	177570	67121.344	64654.123	2467.220	1.389	3.676	2039.03	770.751	742.420	28.331
2009	172806	66622.993	63803.511	2819.482	1.632	4.232	1961.22	756.123	724.124	31.999

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All Year	Number Deaths	Null Attrib Deaths	MRTP Attrib Deaths	Drop Deaths	%Drop Deaths	%Drop Attrib Deaths	Death Rate	Null Attrib Rates	MRTP Attrib Rates	Drop Rates
Yrs Comb	3900422	1302316.365	1286173.024	16143.34	0.414	1.240	2465.77	823.300	813.094	10.206

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	LUNG CANCER

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	42690	30645.370	30645.370	0.000	0.000	0.000	614.467	441.100	441.100	0.000
1991	43692	31530.019	31525.750	4.269	0.010	0.014	620.154	447.530	447.469	0.061
1992	45423	32811.446	32808.078	3.368	0.007	0.010	635.738	459.227	459.180	0.047
1993	46291	33467.735	33457.059	10.676	0.023	0.032	638.542	461.657	461.510	0.147
1994	47017	33989.389	33977.343	12.046	0.026	0.035	638.697	461.725	461.561	0.164
1995	47840	34566.580	34545.339	21.241	0.044	0.061	639.587	462.131	461.847	0.284
1996	48244	34997.958	34996.179	1.779	0.004	0.005	636.363	461.641	461.617	0.023
1997	49035	35549.658	35537.568	12.089	0.025	0.034	637.723	462.340	462.182	0.157
1998	49686	36138.033	36096.204	41.829	0.084	0.116	637.076	463.363	462.827	0.536
1999	48883	35506.142	35439.785	66.357	0.136	0.187	618.331	449.124	448.285	0.839
2000	50331	36573.306	36472.077	101.229	0.201	0.277	628.656	456.816	455.552	1.264
2001	50389	36733.445	36597.744	135.701	0.269	0.369	622.333	453.679	452.003	1.676
2002	51445	37627.700	37463.682	164.018	0.319	0.436	629.005	460.065	458.059	2.005
2003	51408	37552.784	37313.330	239.454	0.466	0.638	622.464	454.701	451.802	2.899
2004	51399	37527.823	37185.305	342.518	0.666	0.913	615.898	449.684	445.580	4.104
2005	51421	37486.186	37089.364	396.822	0.772	1.059	609.074	444.018	439.318	4.700
2006	51355	37409.496	36840.191	569.305	1.109	1.522	602.712	439.045	432.363	6.681
2007	51839	37602.867	36907.902	694.965	1.341	1.848	602.056	436.718	428.647	8.071
2008	50976	36986.957	36256.000	730.957	1.434	1.976	585.355	424.719	416.326	8.394
2009	51193	37201.944	36324.879	877.065	1.713	2.358	581.003	422.215	412.261	9.954

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	980557	711904.839	707479.150	4425.689	0.451	0.622	619.890	450.053	447.255	2.798

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	IHD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	98916	12646.761	12646.761	0.000	0.000	0.000	1423.77	182.034	182.034	0.000
1991	96403	12662.980	12663.279	-0.300	-0.000	-0.002	1368.32	179.735	179.740	-0.004
1992	93721	12337.995	12331.006	6.989	0.007	0.057	1311.71	172.682	172.584	0.098
1993	93679	12401.934	12373.000	28.935	0.031	0.233	1292.22	171.073	170.674	0.399
1994	90832	12128.576	12081.910	46.666	0.051	0.385	1233.90	164.759	164.125	0.634
1995	89698	11958.696	11893.042	65.654	0.073	0.549	1199.20	159.879	159.002	0.878
1996	88286	12020.749	11946.247	74.502	0.084	0.620	1164.54	158.560	157.577	0.983
1997	84777	11593.724	11497.976	95.748	0.113	0.826	1102.56	150.782	149.536	1.245
1998	82517	11337.035	11189.144	147.891	0.179	1.304	1058.04	145.364	143.468	1.896
1999	93939	13027.458	12781.578	245.879	0.262	1.887	1188.25	164.787	161.677	3.110
2000	90039	12607.547	12333.532	274.016	0.304	2.173	1124.63	157.474	154.051	3.423
2001	86119	12350.451	11997.237	353.213	0.410	2.860	1063.62	152.535	148.173	4.362
2002	83014	12112.097	11724.583	387.513	0.467	3.199	1014.99	148.092	143.354	4.738
2003	79302	11683.252	11230.926	452.326	0.570	3.872	960.214	141.465	135.988	5.477
2004	73861	11139.095	10577.600	561.495	0.760	5.041	885.053	133.476	126.748	6.728
2005	71649	10884.683	10254.340	630.343	0.880	5.791	848.672	128.927	121.461	7.466
2006	67551	10397.565	9649.071	748.494	1.108	7.199	792.791	122.028	113.243	8.784
2007	63503	9785.831	8937.100	848.732	1.337	8.673	737.521	113.652	103.795	9.857
2008	63171	9922.524	9003.317	919.207	1.455	9.264	725.389	113.940	103.385	10.555
2009	59747	9483.598	8494.247	989.350	1.656	10.432	678.085	107.632	96.404	11.228

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	1650724	232482.549	225605.897	6876.653	0.417	2.958	1043.56	146.971	142.624	4.347

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	STROKE

Results for PHIM for Run 20 (APPENDIX_5_Varying_STP_Factor_1_4.RTF)

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	33504	3193.244	3193.244	0.000	0.000	0.000	482.247	45.963	45.963	0.000
1991	32505	3116.016	3115.523	0.493	0.002	0.016	461.369	44.228	44.221	0.007
1992	32560	3095.448	3093.883	1.565	0.005	0.051	455.708	43.324	43.302	0.022
1993	32768	3114.516	3106.368	8.148	0.025	0.262	452.005	42.962	42.850	0.112
1994	33005	3168.398	3155.131	13.267	0.040	0.419	448.353	43.041	42.861	0.180
1995	33730	3200.274	3179.384	20.890	0.062	0.653	450.946	42.785	42.506	0.279
1996	33750	3234.738	3209.110	25.629	0.076	0.792	445.180	42.668	42.330	0.338
1997	33699	3240.665	3214.926	25.738	0.076	0.794	438.271	42.146	41.812	0.335
1998	33274	3171.578	3128.812	42.766	0.129	1.348	426.640	40.666	40.118	0.548
1999	33891	3153.786	3087.647	66.139	0.195	2.097	428.694	39.893	39.056	0.837
2000	33827	3237.043	3151.369	85.674	0.253	2.647	422.514	40.432	39.362	1.070
2001	32506	3110.972	3002.763	108.209	0.333	3.478	401.468	38.422	37.086	1.336
2002	32078	3123.298	2998.939	124.358	0.388	3.982	392.210	38.188	36.667	1.520
2003	30568	3025.984	2883.380	142.603	0.467	4.713	370.127	36.640	34.913	1.727
2004	29388	2983.453	2800.386	183.067	0.623	6.136	352.147	35.750	33.556	2.194
2005	27954	2926.679	2720.557	206.122	0.737	7.043	331.111	34.666	32.225	2.441
2006	27201	2889.308	2647.620	241.688	0.889	8.365	319.236	33.909	31.073	2.836
2007	26302	2810.025	2531.606	278.419	1.059	9.908	305.470	32.636	29.402	3.234
2008	25998	2773.025	2481.349	291.675	1.122	10.518	298.534	31.843	28.493	3.349
2009	25040	2723.293	2400.871	322.422	1.288	11.839	284.186	30.907	27.248	3.659

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	623548	61291.743	59102.870	2188.873	0.351	3.571	394.195	38.747	37.364	1.384

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Main Results for E-Component Summarized over Simulations for Run: 20

Variable Parameter	Value
1. Country	US (United States)
2. Sex	F (Females)
3. Year of start of process	1990
4. Number of simulations	1
5. Cause of Death	COPD

Note: Death rates are per million population

Results for Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
1990	24738	10815.214	10815.214	0.000	0.000	0.000	356.071	155.671	155.671	0.000
1991	26562	11818.847	11814.630	4.217	0.016	0.036	377.015	167.754	167.694	0.060
1992	26828	11981.252	11978.994	2.259	0.008	0.019	375.483	167.689	167.657	0.032
1993	29774	13348.134	13342.168	5.966	0.020	0.045	410.705	184.125	184.043	0.082
1994	29804	13404.876	13401.830	3.046	0.010	0.023	404.869	182.097	182.056	0.041
1995	29755	13407.404	13396.982	10.422	0.035	0.078	397.803	179.248	179.108	0.139
1996	30900	14056.435	14074.525	-18.090	-0.059	-0.129	407.587	185.412	185.650	-0.239
1997	31128	14163.848	14177.032	-13.184	-0.042	-0.093	404.834	184.207	184.379	-0.171
1998	32096	14738.220	14730.383	7.837	0.024	0.053	411.536	188.974	188.873	0.100
1999	34616	15867.376	15851.628	15.748	0.045	0.099	437.865	200.710	200.510	0.199
2000	34299	15766.470	15722.770	43.700	0.127	0.277	428.409	196.930	196.384	0.546
2001	34592	16091.193	16038.138	53.054	0.153	0.330	427.231	198.736	198.080	0.655
2002	34291	16120.902	16075.553	45.349	0.132	0.281	419.268	197.106	196.552	0.554
2003	35074	16455.810	16343.678	112.132	0.320	0.681	424.687	199.252	197.894	1.358
2004	33512	15694.580	15519.271	175.309	0.523	1.117	401.564	188.063	185.963	2.101
2005	35392	16549.102	16313.236	235.866	0.666	1.425	419.213	196.022	193.228	2.794
2006	33981	15926.096	15558.188	367.908	1.083	2.310	398.807	186.912	182.594	4.318
2007	34000	15778.477	15333.915	444.562	1.308	2.818	394.875	183.251	178.087	5.163
2008	37425	17438.838	16913.457	525.381	1.404	3.013	429.749	200.249	194.216	6.033
2009	36826	17214.158	16583.514	630.644	1.712	3.664	417.948	195.368	188.211	7.157

Results for Years and Age Groups Combined, Population unadjusted for deaths in MRTP scenario,

Age Group:All		Null	MRTP			%Drop		Null	MRTP	
Year	Number Deaths	Attrib Deaths	Attrib Deaths	Drop Deaths	%Drop Deaths	Attrib Deaths	Death Rate	Attrib Rates	Attrib Rates	Drop Rates
Yrs Comb	645593	296637.233	293985.107	2652.126	0.411	0.894	408.132	187.528	185.852	1.677