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Table 1: Former Smokers - Number of Deaths due to All Causes and Years of Quit Smoking by Age Group and Sex

Age (y)	Status	Years Quit	Male Person Years	Male Number of Deaths (All-Cause)	Female Person Years	Female Number of Deaths (All-Cause)
35 to 49	Never	-	29,916	49	45,768	37
	Former	2 to 10	5,571	12	5,493	0
	Former	11 to 20	6,210	5	6,027	4
	Former	>20	1,149	3	1,279	2
50 to 64	Never	-	24,020	97	49,744	118
	Former	2 to 10	3,625	26	3,750	15
	Former	11 to 20	6,107	29	5,467	16
	Former	>20	4,670	19	4,405	7
65 to 74	Never	-	11,466	161	24,159	171
	Former	2 to 10	977	14	1,572	15
	Former	11 to 20	2,548	52	2,505	21
	Former	>20	3,507	43	2,641	20
75+	Never	-	4,486	203	12,285	299
	Former	2 to 10	253	16	394	15
	Former	11 to 20	671	40	722	23
	Former	>20	1,442	67	852	27

Source:

Friedman, G. D., Tekawa, I., Sadler, M., & Sidney, S. (1997). Smoking and mortality: the Kaiser Permanente experience. In D. M. Burns, L. Garfinkel, & J. M. Samet (Eds.), *Changes in cigarette-related disease risks and their implications for prevention and control* (pp. 477-499). Rockville, MD: US Department of Health and Human Services, National Institutes of Health, National Cancer Institute.

Table 2: **Current Smokers - Number of Deaths due to All Causes and Duration of Smoking by Age Group and Sex**

Age (y)	Status	Years Smoked	Male Person Years	Male Number of Deaths (All-Cause)	Female Person Years	Female Number of Deaths (All-Cause)
35 to 49	Never	-	29,916	49	45,768	37
	Current	<20	5,940	16	8,962	8
	Current	20 to 39	14,563	48	15,162	28
50 to 64	Never	-	24,020	97	49,744	118
	Current	<20	1,174	7	2,454	5
	Current	20 to 39	10,205	80	14,115	56
	Current	40+	4,367	74	3,761	40
65 to 74	Never	-	11,466	161	24,159	171
	Current	<20	212	0	502	6
	Current	20 to 39	963	23	2,125	39
	Current	40+	3,285	80	4,236	64
75+	Never	-	4,486	203	12,285	299
	Current	<20	90	0	100	3
	Current	20 to 39	138	12	366	10
	Current	40+	740	42	830	30

Source: Friedman, G. D., Tekawa, I., Sadler, M., & Sidney, S. (1997). Smoking and mortality: the Kaiser Permanente experience. In D. M. Burns, L. Garfinkel, & J. M. Samet (Eds.), *Changes in cigarette-related disease risks and their implications for prevention and control* (pp. 477-499). Rockville, MD: US Department of Health and Human Services, National Institutes of Health, National Cancer Institute.

Table 3: **Number of Deaths Due to All-Causes and Age Assignments to Subintervals Categorize by Age Group and Sex for Current Cigarette Smokers**

Age (y)	Status	Years Smoked	Male		Female	
			Person Years	Number of Deaths (All-Cause)	Person Years	Number of Deaths (All-Cause)
35 to 42	Never	-	14,958	19.6	22,884	14.8
	Current	1 to 10	-	-	-	-
	Current	11 to 19	2,970	6.4	4,481	3.2
	Current	20 to 29	7,281.5	19.2	7,581	11.2
	Current	30 to 39	-	-	-	-
43 to 49	Never	-	14,958	29.4	22,884	22.2
	Current	1 to 10	-	-	-	-
	Current	11 to 19	2,970	9.6	4,481	4.8
	Current	20 to 29	72,81.5	28.8	7,581	16.8
	Current	30 to 39	-	-	-	-
50 to 56	Never	-	12,010	38.8	24,872	47.2
	Current	1 to 10	-	-	-	-
	Current	11 to 19	1,174	7	2,454	5
	Current	20 to 29	5,102.5	32	7,057.5	22.4
	Current	30 to 39	2,551.3	19.2	3,528.75	13.44
	Current	40+	-	-	-	-
57 to 64	Never	-	12,010	58.2	24,872	70.8
	Current	1 to 10	-	-	-	-
	Current	11 to 19	-	-	-	-
	Current	20 to 29	-	-	-	-
	Current	30 to 39	25,51.3	28.8	3,528.75	20.16
	Current	40+	4,367	74	3,761	40
65 to 74	Never	-	11,466	161	24,159	171
	Current	1 to 10	-	-	-	-
	Current	11 to 19	-	-	-	-
	Current	20 to 29	-	-	-	-
	Current	30 to 39	963	23	2,125	39
	Current	40+	3,285	80	4,236	64

Age (y)	Status	Years Smoked	Male		Female	
			Person Years	Number of Deaths (All-Cause)	Person Years	Number of Deaths (All-Cause)
75+	Never	-	4,486	203	12,285	299
	Current	1 to 10	-	-	-	-
	Current	11 to 19	-	-	-	-
	Current	20 to 29	-	-	-	-
	Current	30 to 39	138	12	366	10
	Current	40+	740	42	830	30

Table 4: Unadjusted Mortality Data Set

Age (y)	Status[1]	Years Smoked	Years Quit	Males			Females	
				Person Years	Number of Deaths (All-Cause)		Person Years	Number of Deaths (All-Cause)
39	1	0	0	14,958	19.6		22,884	14.8
39	2	5	6	1,392.75	1.92		1,373.25	0.64
39	2	5	16	3,105	3.6		3,013.5	1.6
39	2	15	6	1,392.75	2.88		1,373.25	0.96
39	3	15	0	2,970	6.4		4,481	3.2
39	3	25	0	7,281.5	19.2		7,581	11.2
46.5	1	0	0	14,958	29.4		22,884	22.2
46.5	2	5	6	1,392.75	2.88		1,373.25	0.96
46.5	2	5	16	3,105	5.4		3,013.5	2.4
46.5	2	5	26	1,149	2		1,279	2
46.5	2	15	6	1,392.75	4.32		1,373.25	1.44
46.5	3	15	0	2,970	9.6		4,481	4.8
46.5	3	25	0	7,281.5	28.8		7,581	16.8
53.5	1	0	0	12,010	38.8		24,872	47.2
53.5	2	15	16	1,526.75	4.64		1,366.75	2.56
53.5	2	15	26	2,335	7.6		2,202.5	2.8
53.5	2	25	6	906.25	4.16		937.5	2.4
53.5	2	25	16	1,526.75	6.96		1,366.75	3.84
53.5	2	35	6	906.25	6.24		937.5	3.6
53.5	3	15	0	1,174	7		2,454	5

Age (y)	Status[1]	Years Smoked	Years Quit	Males		Females	
				Person Years	Number of Deaths (All-Cause)	Person Years	Number of Deaths (All-Cause)
53.5	3	25	0	5,102.5	32	7,057.5	22.4
53.5	3	35	0	2,551.25	19.2	3,528.75	13.44
61	1	0	0	12,010	58.2	24,872	70.8
61	2	15	16	1,526.75	6.96	1,366.75	3.84
61	2	15	26	2,335	11.4	2,202.5	4.2
61	2	25	6	906.25	6.24	937.5	3.6
61	2	25	16	1526.75	10.44	1,366.75	5.76
61	2	35	6	906.25	9.36	937.5	5.4
61	3	35	0	2,551.25	28.8	3,528.75	20.16
61	3	40	0	4,367	74	3,761	40
70	1	0	0	11,466	161	24,159	171
70	2	25	16	1,274	20.8	1,252.5	8.4
70	2	25	26	3,507	43	2,641	20
70	2	35	6	977	14	1,572	15
70	2	35	16	1,274	31.2	1,252.5	12.6
70	3	35	0	963	23	2,125	39
70	3	40	0	3,285	80	4,236	64
80	1	0	0	4,486	203	12,285	299
80	2	35	16	335.5	16	361	9.2
80	2	35	26	1,442	67	852	27
80	2	55	6	253	16	394	15
80	2	55	16	335.5	24	361	13.8
80	3	35	0	138	12	366	10
80	3	40	0	740	42	830	30

[1] 1 = Never-Tobacco User; 2 = Former Cigarette Smoker; 3 = Current Cigarette Smoker

To validate the ALCS cohort model, the mean number of survivors at the beginning of each 5-year age category in the model was compared with the number of survivors estimated from the 2006 U.S. Life Table. The number of survivors by age estimated from the 2006 US Life Tables was calculated using a starting cohort of 1,000,000 13-year-olds and age-specific all-cause mortality rates.

The ALCS cohort model results, which are the mean number of survivors at the beginning of each 5-year age category, were compared with the estimated number of survivors at that specific age from 2006 U.S. Life Table (e.g., the mean number of survivors at age 18 years model compared with the estimated number of survivors at age 18 years in the life table). The comparison values are bolded in Table 5 below.

Table 5:   Mortality Data Set Adjusted to Reflect the General United States Population

				Males		Females	
Age (y)	Status[1]	Years Smoked	Years Quit	Person Years	Number of Deaths (All-Cause)	Person Years	Number of Deaths (All-Cause)
39	1	0	0	14,958	19.54	22,884	14.76
39	2	5	6	1,392.75	1.91	1,373.25	0.64
39	2	5	16	3,105	3.59	3,013.5	1.6
39	2	15	6	1,392.75	2.87	1,373.25	0.96
39	3	15	0	2,970	6.38	4,481	3.19
39	3	25	0	7,281.5	19.14	7,581	11.17
46.5	1	0	0	14,958	29.31	22,884	22.14
46.5	2	5	6	1,392.75	2.87	1,373.25	0.96
46.5	2	5	16	3,105	5.38	3,013.5	2.39
46.5	2	5	26	1,149	1.99	1,279	1.99
46.5	2	15	6	1,392.75	4.31	1,373.25	1.44
46.5	3	15	0	2,970	9.57	4,481	4.79
46.5	3	25	0	7,281.5	28.72	7,581	16.75
53.5	1	0	0	12,010	79.95	24,872	97.26
53.5	2	15	16	1,526.75	9.56	1,366.75	5.28
53.5	2	15	26	2,335	15.66	2,202.5	5.77
53.5	2	25	6	906.25	8.57	937.5	4.95
53.5	2	25	16	1,526.75	14.34	1,366.75	7.91
53.5	2	35	6	906.25	12.86	937.5	7.42
53.5	3	15	0	1,174	14.42	2,454	10.3
53.5	3	25	0	5,102.5	65.94	7,057.5	46.16
53.5	3	35	0	2,551.25	39.57	3,528.75	27.7
61	1	0	0	12,010	119.93	24,872	145.9
61	2	15	16	1,526.75	14.34	1,366.75	7.91
61	2	15	26	2,335	23.49	2,202.5	8.65

Age (y)	Status[1]	Years Smoked	Years Quit	Males		Females	
				Person Years	Number of Deaths (All-Cause)	Person Years	Number of Deaths (All-Cause)
61	2	25	6	906.25	12.86	937.5	7.42
61	2	25	16	1,526.75	21.51	1,366.75	11.87
61	2	35	6	906.25	19.29	937.5	11.13
61	3	35	0	2,551.25	59.35	3,528.75	41.54
61	3	40	0	4,367	152.49	3,761	82.43
70	1	0	0	11,466	345.96	24,159	367.45
70	2	25	16	1,274	44.7	1,252.5	18.05
70	2	25	26	3,507	92.4	2,641	42.98
70	2	35	6	977	30.08	1,572	32.23
70	2	35	16	1,274	67.04	1,252.5	27.08
70	3	35	0	963	49.42	2,125	83.8
70	3	40	0	3,285	171.91	4,236	137.53
80	1	0	0	4,486	263.32	12,285	387.84
80	2	35	16	335.5	20.75	361	11.93
80	2	35	26	1,442	86.91	852	35.02
80	2	55	6	253	20.75	394	19.46
80	2	55	16	335.5	31.13	361	17.9
80	3	35	0	138	15.57	366	12.97
80	3	40	0	740	54.48	830	38.91

[1] 1 = Never-Tobacco User, 2 = Former Smoker, 3 = Current Smoker

Table 6:   Mortality Data Set with Estimated Mortality Rates: Females

AGE	CIGSMSTAT	YSM	YQSM	PY	NoD	MR ($_nm_x$)	MRP
39	2	5	6	1373.25	0.64	0.000466048	46.6
39	2	5	16	3013.5	1.6	0.000530944	53.09
39	2	15	6	1373.25	0.96	0.000699072	69.91
39	3	15	0	4481	3.19	0.000711895	71.19
39	3	25	0	7581	11.17	0.00147342	147.34
39	1	0	0	22884	14.76	0.000644992	64.5
46.5	2	5	6	1373.25	0.96	0.000699072	69.91
46.5	2	5	16	3013.5	2.39	0.000793098	79.31

AGE	CIGSMSTAT	YSM	YQSM	PY	NoD	MR ($_nm_x$)	MRP
46.5	2	5	26	1279	1.99	0.001555903	155.59
46.5	2	15	6	1373.25	1.44	0.001048607	104.86
46.5	3	15	0	4481	4.79	0.001068958	106.9
46.5	3	25	0	7581	16.75	0.002209471	220.95
46.5	1	0	0	22884	22.14	0.000967488	96.75
53.5	2	15	16	1366.75	5.28	0.003863179	386.32
53.5	2	15	26	2202.5	5.77	0.00261975	261.98
53.5	2	25	6	937.5	4.95	0.00528	528
53.5	2	25	16	1366.75	7.91	0.005787452	578.75
53.5	2	35	6	937.5	7.42	0.007914667	791.47
53.5	3	15	0	2454	10.3	0.004197229	419.72
53.5	3	25	0	7057.5	46.16	0.00654056	654.06
53.5	3	35	0	3528.75	27.7	0.007849805	784.98
53.5	1	0	0	24872	97.26	0.003910421	391.04
61	2	15	16	1366.75	7.91	0.005787452	578.75
61	2	15	26	2202.5	8.65	0.003927355	392.74
61	2	25	6	937.5	7.42	0.007914667	791.47
61	2	25	16	1366.75	11.87	0.008684836	868.48
61	2	35	6	937.5	11.13	0.011872	1187.2
61	3	35	0	3528.75	41.54	0.011771874	1177.19
61	3	40	0	3761	82.43	0.021917043	2191.7
61	1	0	0	24872	145.9	0.005866034	586.6
70	2	25	16	1252.5	18.05	0.014411178	1441.12
70	2	25	26	2641	42.98	0.016274139	1627.41
70	2	35	6	1572	32.23	0.020502545	2050.25
70	2	35	16	1252.5	27.08	0.021620758	2162.08
70	3	35	0	2125	83.8	0.039435294	3943.53
70	3	40	0	4236	137.53	0.03246695	3246.69
70	1	0	0	24159	367.45	0.015209653	1520.97
80	2	35	16	361	11.93	0.033047091	3304.71
80	2	35	26	852	35.02	0.041103286	4110.33
80	2	55	6	394	19.46	0.049390863	4939.09
80	2	55	16	361	17.9	0.049584488	4958.45

AGE	CIGSMSTAT	YSM	YQSM	PY	NoD	MR ($_nm_x$)	MRP
80	3	35	0	366	12.97	0.035437158	3543.72
80	3	40	0	830	38.91	0.046879518	4687.95
80	1	0	0	12285	387.84	0.031570208	3157.02

CIGSMSTAT (Smoking Status):1-Never Tobacco User, 2-Former Smoker, 3-Current Smoker, YSM: Years Smoked, YQSM: Years Quit Smoking, PY: Person Years, NoD: Number of Deaths due to all causes, MRP: Mortality Rate per person years=MR*100,000, MR: Mortality Rate=NoD/PY

Table 7:   Mortality Data Set with Estimated Mortality Rates: Males

AGE	CIGSMSTAT	YSM	YQSM	PY	NoD	MR ($_nm_x$)	MRP
39	2	5	6	1392.75	1.91	0.001371388	137.14
39	2	5	16	3105	3.59	0.0011562	115.62
39	2	15	6	1392.75	2.87	0.002060671	206.07
39	3	15	0	2970	6.38	0.002148148	214.81
39	3	25	0	7281.5	19.14	0.002628579	262.86
39	1	0	0	14958	19.54	0.001306324	130.63
46.5	2	5	6	1392.75	2.87	0.002060671	206.07
46.5	2	5	16	3105	5.38	0.001732689	173.27
46.5	2	5	26	1149	1.99	0.001731941	173.19
46.5	2	15	6	1392.75	4.31	0.003094597	309.46
46.5	3	15	0	2970	9.57	0.003222222	322.22
46.5	3	25	0	7281.5	28.72	0.003944242	394.42
46.5	1	0	0	14958	29.31	0.001959487	195.95
53.5	2	15	16	1526.75	9.56	0.006261667	626.17
53.5	2	15	26	2335	15.66	0.006706638	670.66
53.5	2	25	6	906.25	8.57	0.009456552	945.66
53.5	2	25	16	1526.75	14.34	0.0093925	939.25
53.5	2	35	6	906.25	12.86	0.014190345	1419.03
53.5	3	15	0	1174	14.42	0.012282794	1228.28
53.5	3	25	0	5102.5	65.94	0.012923077	1292.31
53.5	3	35	0	2551.25	39.57	0.015510044	1551
53.5	1	0	0	12010	79.95	0.006656953	665.7
61	2	15	16	1526.75	14.34	0.0093925	939.25
61	2	15	26	2335	23.49	0.010059957	1006

AGE	CIGSMSTAT	YSM	YQSM	PY	NoD	MR ($_nm_x$)	MRP
61	2	25	6	906.25	12.86	0.014190345	1419.03
61	2	25	16	1526.75	21.51	0.014088751	1408.88
61	2	35	6	906.25	19.29	0.021285517	2128.55
61	3	35	0	2551.25	59.35	0.023263106	2326.31
61	3	40	0	4367	152.49	0.034918708	3491.87
61	1	0	0	12010	119.93	0.009985845	998.58
70	2	25	16	1274	44.7	0.035086342	3508.63
70	2	25	26	3507	92.4	0.026347305	2634.73
70	2	35	6	977	30.08	0.030788127	3078.81
70	2	35	16	1274	67.04	0.052621664	5262.17
70	3	35	0	963	49.42	0.051318795	5131.88
70	3	40	0	3285	171.91	0.052331811	5233.18
70	1	0	0	11466	345.96	0.030172684	3017.27
80	2	35	16	335.5	20.75	0.061847988	6184.8
80	2	35	26	1442	86.91	0.060270458	6027.05
80	2	55	6	253	20.75	0.08201581	8201.58
80	2	55	16	335.5	31.13	0.092786885	9278.69
80	3	35	0	138	15.57	0.112826087	11282.61
80	3	40	0	740	54.48	0.073621622	7362.16
80	1	0	0	4486	263.32	0.058698172	5869.82

CIGSMSTAT (Smoking Status):1-Never Tobacco User, 2-Former Smoker, 3-Current Smoker, YSM: Years Smoked, YQSM: Years Quit Smoking, PY: Person Years, NoD: Number of Deaths due to all causes, MRP: Mortality Rate per person years=MR*100,000, MR: Mortality Rate=NoD/PY

Table 8: **Estimated Number of Survivors Based on Age-Specific All-Cause Mortality Rate from the 2006 U.S. Life Table for Males and Females (Arias, 2006), Starting with 1,000,000 12-Year-Olds**

Age	Mortality Rates for Male	# of Male^ Survivors	Mortality Rates for Female	# of Female^ Survivors
13	0.000254	1,000,000	0.000155	1,000,000
14	0.000418	999,746	0.000211	999,845
15	0.000594	999,328	0.000275	999,634
16	0.000759	998,734	0.000334	999,359
17	0.000918	997,975	0.000382	999,026

Age	Mortality Rates for Male	# of Male^ Survivors	Mortality Rates for Female	# of Female^ Survivors
18	0.001063	**997,059**	0.000414	**998,645**
19	0.001193	995,999	0.000434	998,231
20	0.001329	994,810	0.000453	997,798
21	0.001456	993,488	0.000475	997,346
22	0.001536	992,042	0.000494	996,872
23	0.001554	**990,519**	0.000508	**996,380**
24	0.001526	988,980	0.000519	995,874
25	0.001480	987,471	0.000532	995,357
26	0.001443	986,009	0.000546	994,828
27	0.001416	984,586	0.000562	994,285
28	0.001408	**983,192**	0.000580	**993,726**
29	0.001418	981,808	0.000604	993,149
30	0.001437	980,415	0.000634	992,550
31	0.001460	979,006	0.000671	991,921
32	0.001500	977,577	0.000718	991,255
33	0.001535	**976,111**	0.000769	**990,544**
34	0.001589	974,613	0.000829	989,782
35	0.001653	973,065	0.000893	988,961
36	0.001737	971,456	0.000967	988,079
37	0.001851	969,769	0.001057	987,124
38	0.002001	**967,974**	0.001166	**986,081**
39	0.002183	966,037	0.001293	984,931
40	0.002381	963,928	0.001425	983,658
41	0.002592	961,633	0.001563	982,256
42	0.002827	959,140	0.001713	980,720
43	0.003087	**956,428**	0.001877	**979,041**
44	0.003369	953,476	0.002052	977,203
45	0.003662	950,264	0.002236	975,198
46	0.003970	946,783	0.002425	973,017
47	0.004309	943,025	0.002617	970,658
48	0.004694	**938,961**	0.002812	**968,118**
49	0.005125	934,554	0.003020	965,395

Age	Mortality Rates for Male	# of Male^ Survivors	Mortality Rates for Female	# of Female^ Survivors
50	0.005602	929,764	0.003247	962,479
51	0.006107	924,556	0.003497	959,354
52	0.006617	918,910	0.003773	955,999
53	0.007104	**912,829**	0.004070	**952,393**
54	0.007570	906,344	0.004383	948,517
55	0.008042	899,483	0.004710	944,359
56	0.008550	892,250	0.005061	939,911
57	0.009114	884,621	0.005457	935,154
58	0.009781	**876,559**	0.005928	**930,051**
59	0.010582	867,985	0.006494	924,537
60	0.011543	858,800	0.007183	918,534
61	0.012632	848,887	0.007966	911,936
62	0.013798	838,164	0.008781	904,672
63	0.014946	**826,599**	0.009551	**896,727**
64	0.016067	814,244	0.010282	888,163
65	0.017272	801,162	0.011073	879,031
66	0.018518	787,325	0.011885	869,298
67	0.019974	772,745	0.012855	858,966
68	0.021630	**757,310**	0.014010	**847,924**
69	0.023559	740,930	0.015359	836,045
70	0.025737	723,474	0.016895	823,204
71	0.028223	704,854	0.018652	809,296
72	0.031103	684,961	0.020679	794,202
73	0.034372	**663,656**	0.022999	**777,779**

Note: ^ Survivors at a given Age= Survivors at(Age-1) X (1-Mortality rate at(Age-1)

Table 9: **Base Case Transition Probabilities based on Tam et al. (2015). Probabilities are defined in Section 7.4.2.1.5. Tables 7.4.2-4 and 7.4.2-5**

Age	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15
13	0.822	0.969	1	0.255	0.143	0.448	0.787	0.008	0.141	0.591	0.031	0.409	0.831	0.956	0.008
18	0.822	0.969	1	0.255	0.143	0.448	0.787	0.008	0.141	0.591	0.031	0.409	0.831	0.956	0.008
23	0.9175	0.9825	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0.0175	0.209	0.843	0.954	0.014
28	0.9175	0.9825	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0.0175	0.209	0.843	0.954	0.014
33	0.9175	0.9825	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0.0175	0.209	0.843	0.954	0.014
38	0.9175	0.9825	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0.0175	0.209	0.843	0.954	0.014
43	1	1	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0	0.209	0.843	0.954	0.014
48	1	1	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0	0.209	0.843	0.954	0.014
53	1	1	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0	0.209	0.843	0.954	0.014
58	1	1	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0	0.209	0.843	0.954	0.014
63	1	1	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0	0.209	0.843	0.954	0.014
68	1	1	1	0.009	0.025	0.766	0.797	0.014	0.113	0.791	0	0.209	0.843	0.954	0.014
13	1	0.255	0.448	0.141	0.823	0.2	0.823	0.342	0.312	0.409	0.177	0.342	0.312	0.409	0.177
18	1	0.255	0.448	0.141	0.823	0.2	0.823	0.342	0.312	0.409	0.177	0.342	0.312	0.409	0.177
23	1	0.009	0.766	0.113	0.829	0.2	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
28	1	0.009	0.766	0.113	0.829	0.2	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
33	1	0.009	0.766	0.113	0.829	0.2	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
38	1	0.009	0.766	0.113	0.829	0.2	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
43	1	0.009	0.766	0.113	0.829	0	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
48	1	0.009	0.766	0.113	0.829	0	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
53	1	0.009	0.766	0.113	0.829	0	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
58	1	0.009	0.766	0.113	0.829	0	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
63	1	0.009	0.766	0.113	0.829	0	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171
68	1	0.009	0.766	0.113	0.829	0	0.829	0.174	0.27	0.209	0.171	0.174	0.27	0.209	0.171

Table 10:   Mortality Data Set with Estimated Mortality Rates: Males for Year 2000

AGE	CIGSMSTAT	YSM	YQSM	PY	NoD	MR ($_nm_x$)	MRP
39	1	0	0	14958	33.3	0.002226	222.62
39	2	5	6	1392.8	3.2	0.002298	229.75
39	2	5	16	3105	6.1	0.001965	196.46
39	3	15	0	2970	10.9	0.00367	367
39	2	15	6	1392.8	4.9	0.003518	351.81
39	3	25	0	7281.5	32.6	0.004477	447.71
46.5	1	0	0	14958	50	0.003343	334.27
46.5	2	5	6	1392.8	4.9	0.003518	351.81
46.5	2	5	16	3105	9.2	0.002963	296.3
46.5	2	5	26	1149	3.4	0.002959	295.91
46.5	3	15	0	2970	16.3	0.005488	548.82
46.5	2	15	6	1392.8	7.3	0.005241	524.12
46.5	3	25	0	7281.5	49	0.006729	672.94
53.5	1	0	0	12010	66	0.005495	549.54
53.5	3	15	0	1174	11.9	0.010136	1013.63
53.5	2	15	16	1526.8	7.8	0.005109	510.87
53.5	2	15	26	2335	12.9	0.005525	552.46
53.5	3	25	0	5102.5	54.4	0.010661	1066.14
53.5	2	25	6	906.3	7.1	0.007834	783.41
53.5	2	25	16	1526.8	11.9	0.007794	779.41
53.5	3	35	0	2551.3	32.6	0.012778	1277.78
53.5	2	35	6	906.3	10.5	0.011586	1158.56
61	1	0	0	12010	98.9	0.008235	823.48
61	2	15	16	1526.8	11.9	0.007794	779.41
61	2	15	26	2335	19.4	0.008308	830.84
61	2	25	6	906.3	10.5	0.011586	1158.56
61	2	25	16	1526.8	17.7	0.011593	1159.29
61	3	35	0	2551.3	49	0.019206	1920.59
61	2	35	6	906.3	16	0.017654	1765.42
61	3	45	0	4367	125.8	0.028807	2880.7
70	1	0	0	11466	273.7	0.023871	2387.06

AGE	CIGSMSTAT	YSM	YQSM	PY	NoD	MR ($_nm_x$)	MRP
70	2	25	16	1274	35.4	0.027787	2778.65
70	2	25	26	3507	73.1	0.020844	2084.4
70	3	35	0	963	39.1	0.040602	4060.23
70	2	35	6	977	23.8	0.02436	2436.03
70	2	35	16	1274	53	0.041601	4160.13
70	3	50	0	3285	136	0.0414	4140.03
80	1	0	0	4486	243.6	0.054302	5430.23
80	3	35	0	138	14.4	0.104348	10434.78
80	2	35	16	335.5	19.2	0.057228	5722.8
80	2	35	26	1442	80.4	0.055756	5575.59
80	3	55	0	740	50.4	0.068108	6810.81
80	2	55	6	253	19.2	0.075889	7588.93
80	2	55	16	335.5	28.8	0.085842	8584.2