

*an excerpt from*

# **The Cost of Smoking in California, 1999**

Wendy Max  
Dorothy P. Rice  
Xiulan Zhang  
Hai-Yen Sung  
Leonard Miller

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Table 7

**Deaths, Years of Potential Life Lost, and Productivity Losses Attributed to Smoking, California, 1999**

Cause of Death	Number of Deaths	Years of Potential Life Lost *		Productivity Losses **	
		Number	Per Death	Amount (thousands)	Per Death
All Causes	43,137	534,978	12.4	\$5,682,946	\$131,741
Neoplasms	14,291	203,683	14.3	2,249,016	157,372
Lip, oral cavity, pharynx	606	9,917	16.4	160,087	264,160
Esophagus	909	12,924	14.2	167,479	184,276
Pancreas	675	9,419	13.9	97,936	144,985
Larynx	235	3,427	14.6	43,919	186,605
Trachea, lung, bronchus	10,988	155,571	14.2	1,623,237	147,721
Cervix, uterus	116	2,894	24.9	40,261	346,327
Urinary bladder	433	4,668	10.8	41,547	96,038
Kidney, other urinary	328	4,862	14.8	74,551	227,279
Cardiovascular disease	17,137	207,626	12.1	2,622,664	153,040
Rheumatic heart disease	60	812	13.5	7,884	130,664
Hypertension	890	10,438	11.7	129,978	146,027
Ischemic heart disease	10,322	126,478	12.3	1,619,314	156,880
35-64 years	2,804	68,119	24.3	1,448,198	516,465
65 years plus	7,518	58,359	7.8	171,115	22,761
Pulmonary heart disease	108	1,664	15.4	24,097	223,040
Other heart disease	1,607	18,038	11.2	234,305	145,770
Cerebrovascular disease	2,604	35,076	13.5	469,238	180,202
35-64 years	932	22,648	24.3	430,296	461,530
65 years plus	1,672	12,428	7.4	38,942	23,296
Atherosclerosis	658	4,845	7.4	25,049	38,090
Aortic aneurysm	599	7,354	12.3	88,988	148,578
Other arterial diseases	289	2,921	10.1	23,812	82,456
Respiratory Diseases	11,641	118,474	10.2	745,191	64,015
Respiratory TB	25	370	14.9	5,654	227,784
Pneumonia, influenza	1,867	15,044	8.1	93,063	49,837
Bronchitis, emphysema	1,606	17,858	11.1	116,003	72,215
Asthma	121	2,092	17.3	31,234	258,950
Chronic airways obstruction	8,022	83,110	10.4	499,238	62,235
Pediatric Diseases	68	5,196	76.3	66,075	970,360
Short gestation, low birth weight	33	2,554	76.4	32,367	967,753
Respiratory distress syndrome	8	598	75.9	7,805	990,105
Respiratory conditions of newborn	12	921	76.3	11,685	968,327
Sudden infant death syndrome	15	1,122	76.4	14,218	967,373
Accidents Caused by Fire & Flames	64	***	***	***	***
Passive Smoking--Lung Cancer	360	***	***	***	***
Passive Smoking--Ischemic Heart Disease	4,200	***	***	***	***

Note: Numbers may not add to total due to rounding.

\* Based on life expectancy at death.

\*\* Discounted at 3 percent.

\*\*\* Estimates not available.

Table 8

**Men: Deaths, Years of Potential Life Lost, and Productivity Losses Attributed to Smoking, California, 1999**

Cause of Death	Number of Deaths	Years of Potential Life Lost *		Productivity Losses **	
		Number	Per Death	Amount (thousands)	Per Death
All Causes	25,118	314,235	12.5	\$4,413,579	\$175,715
Neoplasms	8,836	120,868	13.7	1,703,399	192,773
Lip, oral cavity, pharynx	444	7,401	16.7	140,216	315,450
Esophagus	695	9,939	14.3	149,506	215,042
Pancreas	308	4,301	14.0	65,718	213,695
Larynx	170	2,440	14.3	37,903	222,882
Trachea, lung, bronchus	6,604	89,042	13.5	1,203,880	182,295
Cervix, uterus					
Urinary bladder	324	3,427	10.6	35,468	109,508
Kidney, other urinary	291	4,318	14.8	70,707	242,937
Cardiovascular disease	10,353	133,457	12.9	2,160,141	208,640
Rheumatic heart disease	26	329	12.5	4,534	172,505
Hypertension	496	6,437	13.0	108,094	217,731
Ischemic heart disease	6,183	83,820	13.6	1,399,915	226,418
35-64 years	2,175	51,923	23.9	1,262,407	580,351
65 years plus	4,008	31,897	8.0	137,508	34,312
Pulmonary heart disease	59	886	15.1	16,439	279,608
Other heart disease	950	11,684	12.3	198,673	209,210
Cerebrovascular disease	1,662	20,090	12.1	312,852	188,256
35-64 years	453	11,045	24.4	277,951	614,082
65 years plus	1,209	9,046	7.5	34,901	28,862
Atherosclerosis	352	2,739	7.8	21,030	59,751
Aortic aneurysm	458	5,712	12.5	80,000	174,812
Other arterial diseases	168	1,761	10.5	18,604	110,780
Respiratory Diseases	5,890	57,075	9.7	508,236	86,292
Respiratory TB	18	275	14.9	4,928	266,695
Pneumonia, influenza	946	7,627	8.1	65,804	69,595
Bronchitis, emphysema	854	8,879	10.4	80,164	93,908
Asthma	48	819	17.1	17,541	367,075
Chronic airways obstruction	4,024	39,475	9.8	339,800	84,437
Pediatric Diseases	38	2,836	73.9	41,803	1,089,397
Short gestation, low birth weight	19	1,369	73.9	20,184	1,089,397
Respiratory distress syndrome	5	370	73.9	5,461	1,089,397
Respiratory conditions of newborn	7	496	73.9	7,310	1,089,397
Sudden infant death syndrome	8	600	73.9	8,848	1,089,397
Accidents Caused by Fire & Flames	37	***	***	***	***
Passive Smoking--Lung Cancer	***	***	***	***	***
Passive Smoking--Ischemic Heart Disease	***	***	***	***	***

Note: Numbers may not add to total due to rounding.

\* Based on life expectancy at death.

\*\* Discounted at 3 percent.

\*\*\* Estimates not available.

Table 9

**Women: Deaths, Years of Potential Life Lost, and Productivity Losses Attributed to Smoking, California, 1999**

Cause of Death	Number of Deaths	Years of Potential Life Lost *		Productivity Losses **	
		Number	Per Death	Amount (thousands)	Per Death
All Causes	18,019	220,743	12.3	\$1,269,367	\$70,444
Neoplasms	5,455	82,815	15.2	545,617	100,025
Lip, oral cavity, pharynx	162	2,516	15.6	19,872	123,022
Esophagus	214	2,985	14.0	17,973	84,139
Pancreas	368	5,118	13.9	32,218	87,558
Larynx	65	987	15.1	6,015	92,124
Trachea, lung, bronchus	4,384	66,530	15.2	419,356	95,646
Cervix, uterus	116	2,894	24.9	40,261	346,327
Urinary bladder	109	1,241	11.4	6,079	55,910
Kidney, other urinary	37	544	14.7	3,843	103,982
Cardiovascular disease	6,784	74,169	10.9	462,523	68,181
Rheumatic heart disease	34	483	14.2	3,351	98,376
Hypertension	394	4,002	10.2	21,885	55,596
Ischemic heart disease	4,139	42,658	10.3	219,398	53,006
35-64 years	629	16,196	25.8	185,791	295,464
65 years plus	3,510	26,462	7.5	33,607	9,574
Pulmonary heart disease	49	778	15.8	7,658	155,504
Other heart disease	658	6,354	9.7	35,631	54,173
Cerebrovascular disease	942	14,985	15.9	156,386	165,995
35-64 years	480	11,603	24.2	152,344	317,585
65 years plus	462	3,382	7.3	4,042	8,740
Atherosclerosis	306	2,106	6.9	4,018	13,147
Aortic aneurysm	141	1,643	11.6	8,988	63,610
Other arterial diseases	121	1,159	9.6	5,208	43,095
Respiratory Diseases	5,751	61,399	10.7	236,954	41,201
Respiratory TB	6	95	15.0	726	114,413
Pneumonia, influenza	922	7,417	8.0	27,259	29,571
Bronchitis, emphysema	753	8,979	11.9	35,838	47,613
Asthma	73	1,273	17.5	13,693	188,009
Chronic airways obstruction	3,997	43,635	10.9	159,439	39,885
Pediatric Diseases	30	2,360	79.4	24,272	816,674
Short gestation, low birth weight	15	1,184	79.4	12,183	816,674
Respiratory distress syndrome	3	228	79.4	2,344	816,674
Respiratory conditions of newborn	5	425	79.4	4,375	816,674
Sudden infant death syndrome	7	522	79.4	5,371	816,674
Accidents Caused by Fire & Flames	28	***	***	***	***
Passive Smoking--Lung Cancer	***	***	***	***	***
Passive Smoking--Ischemic Heart Disease	***	***	***	***	***

Note: Numbers may not add to total due to rounding.

\* Based on life expectancy at death.

\*\* Discounted at 3 percent.

\*\*\* Estimates not available.

Table 19

**Deaths, Years of Potential Life Lost, and Productivity Losses  
Attributed to Smoking by California County, 1999**

County	Number of Deaths	Years of Potential Life Lost		Productivity Losses*	
		Number	Per Death	Amount (thousands)	Per Death
California	43,137	534,978	12.4	\$5,682,946	\$131,741
Alameda	1,694	21,859	12.9	243,290	143,604
Alpine	2 **	26	11.3	203	86,847
Amador	68	774	11.4	6,718	98,817
Butte	542	6,062	11.2	54,368	100,364
Calaveras	114	1,463	12.8	15,956	139,676
Colusa	36	461	12.8	5,103	141,000
Contra Costa	1,238	15,271	12.3	154,757	125,029
Del Norte	49	616	12.6	5,882	120,656
El Dorado	229	2,954	12.9	30,459	132,735
Fresno	996	12,289	12.3	132,286	132,836
Glenn	49	533	10.9	4,486	92,054
Humboldt	241	3,015	12.5	32,149	133,465
Imperial	155	1,933	12.5	20,515	132,495
Inyo	49	482	9.8	3,115	63,400
Kern	1,032	13,184	12.8	137,834	133,621
Kings	137	1,749	12.8	19,138	140,072
Lake	134	1,667	12.4	15,344	114,553
Lassen	51	658	13.0	6,376	125,559
Los Angeles	10,660	136,864	12.8	1,572,833	147,546
Madera	175	2,177	12.5	23,722	135,727
Marin	359	3,714	10.4	29,255	81,572
Mariposa	39	431	10.9	4,225	107,213
Mendocino	166	2,085	12.6	23,472	141,366
Merced	263	3,501	13.3	41,828	158,948
Modoc	23	291	12.5	2,391	102,306
Mono	7 **	138	18.8	2,866	388,779
Monterey	422	5,184	12.3	55,642	131,949
Napa	245	2,501	10.2	20,576	84,151
Nevada	213	2,343	11.0	20,353	95,452
Orange	2,961	35,355	11.9	362,704	122,495

Table 19 (Continued)

**Deaths, Years of Potential Life Lost, and Productivity Losses  
Attributed to Smoking by California County, 1999**

County	Number of Deaths	Years of Potential Life Lost		Productivity Losses*	
		Number	Per Death	Amount (thousands)	Per Death
Placer	395	4,761	12.1	\$44,780	\$113,417
Plumas	61	760	12.5	6,765	111,269
Riverside	2,647	32,462	12.3	322,016	121,631
Sacramento	1,793	22,735	12.7	237,164	132,307
San Benito	49	620	12.5	6,952	140,621
San Bernardino	2,245	29,552	13.2	324,719	144,615
San Diego	3,662	43,626	11.9	430,247	117,480
San Francisco	2,961	35,355	11.9	362,704	122,495
San Joaquin	889	11,173	12.6	118,469	133,276
San Luis Obispo	359	4,093	11.4	39,522	110,004
San Mateo	974	11,065	11.4	109,790	112,735
Santa Barbara	466	5,085	10.9	43,790	94,032
Santa Clara	1,503	18,726	12.5	198,866	132,285
Santa Cruz	275	3,182	11.6	34,909	126,984
Shasta	376	4,716	12.5	46,508	123,566
Sierra	7 **	63	9.0	275	39,112
Siskiyou	98	1,168	12.0	11,533	118,018
Solano	463	6,431	13.9	76,596	165,545
Sonoma	705	8,016	11.4	75,956	107,731
Stanislaus	685	8,839	12.9	98,014	143,187
Sutter	147	1,861	12.6	18,192	123,490
Tehama	154	1,886	12.2	18,459	119,817
Trinity	33	503	15.1	6,233	187,329
Tulare	501	6,173	12.3	65,848	131,352
Tuolumne	107	1,219	11.4	11,006	103,075
Ventura	758	9,118	12.0	90,450	119,303
Yolo	209	2,537	12.1	24,640	117,699
Yuba	132	1,785	13.5	18,127	137,507

Note: Numbers may not add to total due to rounding.

\* Discounted at 3 percent.

\*\*Estimates based on 20 or fewer deaths may be unreliable.

Table 20

**Men: Deaths, Years of Potential Life Lost, and Productivity Losses  
Attributed to Smoking by California County, 1999**

County	Number of Deaths	Years of Potential Life Lost		Productivity Losses*	
		Number	Per Death	Amount (thousands)	Per Death
California	25,118	314,235	12.5	\$4,413,579	\$175,715
Alameda	1,004	12,727	12.7	183,989	183,288
Alpine	2 **	26	11.3	202	88,424
Amador	38	392	10.3	4,239	111,275
Butte	304	3,481	11.5	43,444	143,038
Calaveras	61	807	13.3	12,470	204,973
Colusa	21	253	11.9	3,602	168,814
Contra Costa	698	8,723	12.5	121,466	174,062
Del Norte	29	371	12.7	4,723	162,313
El Dorado	138	1,746	12.6	23,078	166,683
Fresno	581	7,131	12.3	100,224	172,619
Glenn	27	294	10.9	3,186	118,340
Humboldt	138	1,697	12.3	23,289	169,359
Imperial	100	1,259	12.6	16,166	161,527
Inyo	25	257	10.2	2,153	85,700
Kern	581	7,529	13.0	103,712	178,419
Kings	77	966	12.5	13,639	176,622
Lake	82	991	12.1	11,990	146,310
Lassen	32	365	11.3	3,961	122,901
Los Angeles	6,297	82,480	13.1	1,236,346	196,339
Madera	111	1,400	12.6	19,315	173,852
Marin	159	1,714	10.8	20,047	126,191
Mariposa	26	297	11.6	3,754	146,522
Mendocino	101	1,286	12.8	19,307	191,717
Merced	162	2,138	13.2	32,371	200,153
Modoc	13 **	137	10.8	1,216	95,984
Mono	6 **	119	20.2	2,811	475,531
Monterey	256	3,211	12.5	45,202	176,475
Napa	160	1,672	10.5	18,295	114,540
Nevada	114	1,312	11.5	16,794	146,772
Orange	1,710	20,778	12.2	286,400	167,485

Table 20 (Continued)

**Men: Deaths, Years of Potential Life Lost, and Productivity Losses  
Attributed to Smoking by California County, 1999**

County	Number of Deaths	Years of Potential Life Lost		Productivity Losses*	
		Number	Per Death	Amount (thousands)	Per Death
Placer	227	2,743	12.1	34,138	\$150,460
Plumas	38	470	12.5	5,648	150,437
Riverside	1,501	18,262	12.2	241,592	160,901
Sacramento	1,023	12,787	12.5	175,116	171,162
San Benito	33	420	12.7	6,207	188,291
San Bernardino	1,311	17,304	13.2	250,496	191,071
San Diego	2,109	24,970	11.8	330,491	156,719
San Francisco	1,710	20,778	12.2	286,400	167,485
San Joaquin	514	6,322	12.3	88,973	173,034
San Luis Obispo	195	2,319	11.9	32,124	164,404
San Mateo	579	6,677	11.5	85,765	148,101
Santa Barbara	263	2,826	10.7	32,684	124,136
Santa Clara	900	11,321	12.6	156,566	173,910
Santa Cruz	161	1,965	12.2	29,975	186,450
Shasta	213	2,640	12.4	35,521	166,914
Sierra	3 **	24	7.5	139	42,472
Siskiyou	56	664	11.8	8,316	147,777
Solano	287	3,989	13.9	61,430	214,248
Sonoma	373	4,268	11.4	57,960	155,436
Stanislaus	409	5,311	13.0	78,004	190,614
Sutter	82	1,031	12.6	13,964	170,960
Tehama	92	1,107	12.1	13,257	144,528
Trinity	19 **	297	16.0	4,935	266,464
Tulare	294	3,758	12.8	51,002	173,219
Tuolumne	62	699	11.3	8,573	139,105
Ventura	434	5,272	12.1	69,742	160,676
Yolo	106	1,293	12.2	17,764	168,195
Yuba	81	1,012	12.6	13,014	161,646

Note: Numbers may not add to total due to rounding.

\* Discounted at 3 percent.

\*\*Estimates based on 20 or fewer deaths may be unreliable.

Table 21

**Women: Deaths, Years of Potential Life Lost, and Productivity Losses  
Attributed to Smoking by California County, 1999**

County	Number of Deaths	Years of Potential Life Lost		Productivity Losses*	
		Number	Per Death	Amount (thousands)	Per Death
California	18,019	220,743	12.3	\$1,269,367	\$70,444
Alameda	690	9,131	13.2	59,300	85,899
Alpine	0 **	1	10.9	1	11,491
Amador	30	382	12.8	2,478	82,934
Butte	238	2,581	10.8	10,924	45,901
Calaveras	53	656	12.3	3,485	65,276
Colusa	15 **	208	14.0	1,501	101,041
Contra Costa	540	6,547	12.1	33,291	61,657
Del Norte	20	245	12.4	1,159	58,975
El Dorado	91	1,208	13.3	7,381	81,093
Fresno	415	5,158	12.4	32,062	77,211
Glenn	22	239	11.0	1,300	59,605
Humboldt	103	1,318	12.7	8,860	85,713
Imperial	55	674	12.3	4,349	79,432
Inyo	24	225	9.4	962	40,060
Kern	450	5,655	12.6	34,122	75,785
Kings	59	784	13.2	5,499	92,565
Lake	52	676	13.0	3,354	64,501
Lassen	19 **	293	15.8	2,415	130,175
Los Angeles	4,363	54,384	12.5	336,487	77,124
Madera	64	777	12.2	4,407	69,213
Marin	200	2,000	10.0	9,207	46,090
Mariposa	14 **	134	9.7	471	34,144
Mendocino	65	799	12.2	4,164	63,746
Merced	101	1,363	13.4	9,457	93,244
Modoc	11 **	155	14.4	1,175	109,794
Mono	1 **	19	13.0	55	37,449
Monterey	166	1,973	11.9	10,440	63,060
Napa	85	829	9.8	2,281	26,902
Nevada	99	1,031	10.4	3,559	36,019
Orange	1,251	14,577	11.7	76,304	60,996

Table 21 (Continued)

**Women: Deaths, Years of Potential Life Lost, and Productivity Losses  
Attributed to Smoking by California County, 1999**

County	Number of Deaths	Years of Potential Life Lost		Productivity Losses*	
		Number	Per Death	Amount (thousands)	Per Death
Placer	168	2,017	12.0	10,642	\$63,368
Plumas	23	290	12.5	1,117	48,039
Riverside	1,146	14,199	12.4	80,423	70,179
Sacramento	769	9,948	12.9	62,048	80,642
San Benito	16 **	200	12.2	745	45,212
San Bernardino	934	12,249	13.1	74,223	79,435
San Diego	1,553	18,656	12.0	99,757	64,215
San Francisco	1,251	14,577	11.7	76,304	60,996
San Joaquin	375	4,851	12.9	29,496	78,717
San Luis Obispo	164	1,773	10.8	7,398	45,141
San Mateo	395	4,388	11.1	24,025	60,858
Santa Barbara	202	2,259	11.2	11,106	54,872
Santa Clara	603	7,405	12.3	42,300	70,144
Santa Cruz	114	1,217	10.7	4,934	43,230
Shasta	164	2,076	12.7	10,987	67,168
Sierra	4 **	39	10.3	137	36,203
Siskiyou	41	504	12.2	3,217	77,616
Solano	176	2,441	13.9	15,166	86,188
Sonoma	332	3,747	11.3	17,996	54,178
Stanislaus	275	3,528	12.8	20,009	72,685
Sutter	66	830	12.6	4,229	64,420
Tehama	62	779	12.5	5,202	83,455
Trinity	15 **	206	14.0	1,298	87,979
Tulare	207	2,415	11.7	14,846	71,764
Tuolumne	45	519	11.5	2,433	53,889
Ventura	324	3,846	11.9	20,708	63,894
Yolo	104	1,244	12.0	6,876	66,285
Yuba	51	772	15.1	5,113	99,637

Note: Numbers may not add to total due to rounding.

\* Discounted at 3 percent.

\*\*Estimates based on 20 or fewer deaths may be unreliable.