

TABLE 5-14
DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES
FOR TEN LEADING CAUSES OF DEATH BY SEX
CALIFORNIA 1990-1998

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS			DEATH RATES				AGE-ADJUSTED DEATH RATES				
		YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES
ALL CAUSES	000-999	1998	225,450	113,639	111,811	1998	672.9	676.0	669.7	1998	414.7	509.4	332.2
		1997	223,438	113,026	110,412	1997	678.0	684.0	671.9	1997	423.8	522.5	338.3
		1996	222,308	113,873	108,435	1996	686.5	701.7	671.2	1996	438.6	547.4	344.0
		1995	222,626	116,199	106,427	1995	694.3	723.4	665.2	1995	455.9	579.5	347.1
		1994	222,854	116,504	106,350	1994	701.0	731.8	670.2	1994	466.4	593.1	355.5
		1993	220,271	115,824	104,447	1993	698.9	733.9	663.9	1993	470.8	601.5	356.5
		1992	214,586	113,273	101,313	1992	688.1	725.4	650.7	1992	469.3	600.9	354.6
		1991	214,220	113,107	101,113	1991	700.9	739.2	662.5	1991	481.1	616.7	363.8
		1990	213,766	112,736	101,030	1990	713.9	752.1	675.7	1990	494.5	634.0	374.3
		MALIGNANT NEOPLASMS	140-208	1998	51,186	26,287	24,899	1998	152.8	156.4	149.1	1998	107.4
1997	51,818			26,571	25,247	1997	157.2	160.8	153.6	1997	111.1	127.9	99.0
1996	50,904			25,930	24,974	1996	157.2	159.8	154.6	1996	112.2	128.6	100.8
1995	51,217			26,365	24,852	1995	159.7	164.1	155.3	1995	116.1	134.9	102.8
1994	51,247			26,103	25,144	1994	161.2	164.0	158.4	1994	119.0	137.0	106.2
1993	50,751			26,022	24,729	1993	161.0	164.9	157.2	1993	120.0	139.2	106.2
1992	49,903			25,662	24,241	1992	160.0	164.3	155.7	1992	120.6	140.3	106.6
1991	50,001			25,686	24,315	1991	163.6	167.9	159.3	1991	124.7	145.0	110.5
1990	48,896			25,318	23,578	1990	163.3	168.9	157.7	1990	125.3	147.0	110.1
DIABETES	250			1998	5,796	2,842	2,954	1998	17.3	16.9	17.7	1998	11.6
		1997	5,611	2,667	2,944	1997	17.0	16.1	17.9	1997	11.6	12.7	10.7
		1996	5,380	2,564	2,816	1996	16.6	15.8	17.4	1996	11.4	12.7	10.3
		1995	5,096	2,385	2,711	1995	15.9	14.9	16.9	1995	11.1	12.2	10.2
		1994	4,918	2,256	2,662	1994	15.5	14.2	16.8	1994	10.9	11.8	10.2
		1993	3,831	1,776	2,055	1993	12.2	11.3	13.1	1993	8.7	9.5	8.1
		1992	3,559	1,608	1,951	1992	11.4	10.3	12.5	1992	8.2	8.7	7.7
		1991	3,308	1,504	1,804	1991	10.8	9.8	11.8	1991	7.9	8.3	7.5
		1990	3,378	1,467	1,911	1990	11.3	9.8	12.8	1990	8.1	8.4	7.9
		HEART DISEASE	390-398,402 404-429	1998	68,946	34,225	34,721	1998	205.8	203.6	208.0	1998	109.8
1997	68,273			33,753	34,520	1997	207.2	204.3	210.1	1997	111.7	145.6	83.2
1996	67,676			33,502	34,174	1996	209.0	206.5	211.5	1996	114.6	150.2	84.9
1995	67,990			33,575	34,415	1995	212.1	209.0	215.1	1995	118.6	155.7	87.7
1994	68,312			33,816	34,496	1994	214.9	212.4	217.4	1994	122.5	160.9	90.8
1993	68,603			34,155	34,448	1993	217.7	216.4	219.0	1993	125.8	166.1	92.7
1992	66,668			33,320	33,348	1992	213.8	213.4	214.2	1992	126.9	167.6	93.2
1991	67,140			33,671	33,469	1991	219.7	220.1	219.3	1991	131.1	174.6	95.3
1990	67,425			33,742	33,683	1990	225.2	225.1	225.3	1990	136.6	181.4	99.9
CEREBROVASCULAR DISEASE	430-438			1998	16,385	6,556	9,829	1998	48.9	39.0	58.9	1998	24.5
		1997	16,649	6,706	9,943	1997	50.5	40.6	60.5	1997	25.5	27.3	24.0
		1996	16,481	6,593	9,888	1996	50.9	40.6	61.2	1996	26.0	27.8	24.4
		1995	16,176	6,551	9,625	1995	50.5	40.8	60.2	1995	26.6	28.7	24.7
		1994	15,703	6,282	9,421	1994	49.4	39.5	59.4	1994	26.1	27.9	24.4
		1993	15,195	6,132	9,063	1993	48.2	38.9	57.6	1993	26.3	28.3	24.6
		1992	15,111	6,020	9,091	1992	48.5	38.6	58.4	1992	26.7	28.4	25.1
		1991	15,350	6,163	9,187	1991	50.2	40.3	60.2	1991	27.9	30.1	26.1
		1990	15,462	6,029	9,433	1990	51.6	40.2	63.1	1990	28.9	30.4	27.5
		PNEUMONIA & INFLUENZA	480-487	1998	13,316	5,942	7,374	1998	39.7	35.3	44.2	1998	17.5
1997	12,286			5,534	6,752	1997	37.3	33.5	41.1	1997	16.7	20.3	14.2
1996	11,134			5,009	6,125	1996	34.4	30.9	37.9	1996	15.8	19.2	13.3
1995	10,548			4,726	5,822	1995	32.9	29.4	36.4	1995	15.5	18.9	13.0
1994	10,237			4,679	5,558	1994	32.2	29.4	35.0	1994	15.5	19.3	13.0
1993	10,508			4,865	5,643	1993	33.3	30.8	35.9	1993	16.6	20.8	13.7
1992	9,793			4,515	5,278	1992	31.4	28.9	33.9	1992	15.7	19.6	13.0
1991	9,725			4,464	5,261	1991	31.8	29.2	34.5	1991	16.0	20.0	13.2
1990	9,686			4,333	5,353	1990	32.4	28.9	35.8	1990	16.6	20.5	13.9

TABLE 5-14
DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES
FOR TEN LEADING CAUSES OF DEATH BY SEX
CALIFORNIA 1990-1998

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS				DEATH RATES				AGE-ADJUSTED DEATH RATES			
		YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	490-496	1998	12,261	5,882	6,379	1998	36.6	35.0	38.2	1998	21.2	24.1	19.1
		1997	11,737	5,657	6,080	1997	35.6	34.2	37.0	1997	20.8	24.0	18.6
		1996	11,373	5,515	5,858	1996	35.1	34.0	36.3	1996	20.8	24.1	18.7
		1995	10,765	5,290	5,475	1995	33.6	32.9	34.2	1995	20.5	24.1	18.0
		1994	11,017	5,457	5,560	1994	34.7	34.3	35.0	1994	21.5	25.7	18.7
		1993	10,625	5,326	5,299	1993	33.7	33.8	33.7	1993	21.3	25.5	18.4
		1992	10,040	5,142	4,898	1992	32.2	32.9	31.5	1992	20.6	25.3	17.3
		1991	9,703	4,942	4,761	1991	31.8	32.3	31.2	1991	20.6	25.0	17.7
		1990	9,647	5,081	4,566	1990	32.2	33.9	30.5	1990	21.1	26.5	17.4
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	1998	3,460	2,349	1,111	1998	10.3	14.0	6.7	1998	8.9	12.8	5.2
		1997	3,502	2,304	1,198	1997	10.6	13.9	7.3	1997	9.2	12.9	5.8
		1996	3,501	2,324	1,177	1996	10.8	14.3	7.3	1996	9.4	13.3	5.8
		1995	3,575	2,372	1,203	1995	11.2	14.8	7.5	1995	9.9	14.0	6.1
		1994	3,630	2,451	1,179	1994	11.4	15.4	7.4	1994	10.3	14.8	6.1
		1993	3,681	2,436	1,245	1993	11.7	15.4	7.9	1993	10.6	14.9	6.5
		1992	3,737	2,517	1,220	1992	12.0	16.1	7.8	1992	11.1	15.9	6.6
		1991	3,728	2,424	1,304	1991	12.2	15.8	8.5	1991	11.3	15.8	7.2
		1990	3,890	2,613	1,277	1990	13.0	17.4	8.5	1990	12.1	17.4	7.2
ACCIDENTS	E800-E949	1998	8,620	5,918	2,702	1998	25.7	35.2	16.2	1998	22.9	32.8	13.1
		1997	8,762	5,960	2,802	1997	26.6	36.1	17.1	1997	23.8	33.9	13.7
		1996	9,217	6,349	2,868	1996	28.5	39.1	17.8	1996	25.9	37.2	14.5
		1995	9,372	6,525	2,847	1995	29.2	40.6	17.8	1995	27.0	38.9	15.0
		1994	9,233	6,421	2,812	1994	29.0	40.3	17.7	1994	26.8	38.4	15.1
		1993	9,536	6,819	2,717	1993	30.3	43.2	17.3	1993	27.9	41.1	14.5
		1992	9,251	6,526	2,725	1992	29.7	41.8	17.5	1992	27.4	39.8	14.7
		1991	9,420	6,622	2,798	1991	30.8	43.3	18.3	1991	28.5	41.3	15.5
		1990	10,170	7,218	2,952	1990	34.0	48.2	19.7	1990	31.4	45.7	16.8
SUICIDE	E950-E959	1998	3,215	2,519	696	1998	9.6	15.0	4.2	1998	8.9	14.0	3.8
		1997	3,424	2,651	773	1997	10.4	16.0	4.7	1997	9.6	15.1	4.3
		1996	3,408	2,663	745	1996	10.5	16.4	4.6	1996	9.8	15.5	4.3
		1995	3,823	2,999	824	1995	11.9	18.7	5.2	1995	11.3	17.9	4.8
		1994	3,690	2,872	818	1994	11.6	18.0	5.2	1994	10.9	17.1	4.8
		1993	3,818	3,000	818	1993	12.1	19.0	5.2	1993	11.3	18.0	4.8
		1992	3,700	2,800	900	1992	11.9	17.9	5.8	1992	11.0	17.0	5.2
		1991	3,765	2,919	846	1991	12.3	19.1	5.5	1991	11.5	18.0	5.2
		1990	3,735	2,872	863	1990	12.5	19.2	5.8	1990	11.5	18.1	5.3
HOMICIDE	E960-E969	1998	2,265	1,844	421	1998	6.8	11.0	2.5	1998	7.5	12.0	2.6
		1997	2,780	2,305	475	1997	8.4	13.9	2.9	1997	9.3	15.2	3.0
		1996	3,007	2,498	509	1996	9.3	15.4	3.2	1996	10.2	16.7	3.2
		1995	3,623	2,998	625	1995	11.3	18.7	3.9	1995	12.3	20.1	4.0
		1994	3,821	3,236	585	1994	12.0	20.3	3.7	1994	12.9	21.4	3.7
		1993	4,206	3,466	740	1993	13.3	22.0	4.7	1993	14.1	22.8	4.7
		1992	4,092	3,411	681	1992	13.1	21.8	4.4	1992	13.6	22.3	4.4
		1991	4,071	3,336	735	1991	13.3	21.8	4.8	1991	13.6	21.8	4.8
		1990	3,703	3,044	659	1990	12.4	20.3	4.4	1990	12.4	19.8	4.4

Note: Rates are per 100,000 population.
Age-adjusted rates were calculated using the U.S. 1940 Standard Million.

Source: State of California, Department of Health Services, Death Records
State of California, Department of Finance, 1990-1996 Population: 1970-1996 Race/Ethnic Population Estimates with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.