

Vital Statistics of California 1999



California
Department of
Health Services

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HEALTH AND HUMAN SERVICES AGENCY
Grantland Johnson, Secretary

STATE OF CALIFORNIA
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THE VITAL STATISTICS SYSTEM OF CALIFORNIA

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 - ◆ Prepares and periodically publishes reports and analyses of vital statistics and related data for use by the Department of Health Services, other agencies, and the public.
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VITAL STATISTICS OF CALIFORNIA 1999

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PREFACE

This report provides tabulations of vital statistics on births and deaths in California in 1999, as part of a historical series of similar annual reports. These data are compiled from information provided on birth, fetal death and death certificates filed with the Office of Vital Records in the California Department of Health Services.

Chapter 1 provides a comprehensive overview of all vital events in California, including trends, California/U.S. comparisons, county-specific rates, population tables, and life expectancy. Chapters 2 through 5 present data on natality, fetal mortality, infant mortality and total mortality, respectively. Each chapter includes a narrative overview of the data provided in more detail in the chapter tables. These narratives describe only a selection of the many variables available in the tables. Tables of contents at the beginning of each chapter describe variables displayed in each table. Table guides are available in Chapters 2 and 5 to assist in the location of birth and death information.

Chapter 6 provides discussion on technical aspects of the data, including sources and quality, historical changes in vital statistics registration, and appropriate uses and limitations of the data. Chapters 7 and 8 are appendices. Chapter 7 provides statistical definitions and formulas, as well as four trend tables providing causes of death coded under the International Classification of Diseases, Ninth Revision (ICD-Rev. 9) with age-adjusted death rates computed with the year 2000 standard million. Chapter 8 includes sample copies of birth and death certificate forms, coding information, and a publication order form.

The rates and population tables in this report are based on population reports and data files from the Department of Finance. Please refer to footnotes on each table for the source of population estimates and projections. These data are available on the Department of Finance website at: <http://www.dof.ca.gov>.

The data collected on the birth, death, and fetal death certificates in the item labeled "Race" include 16 groups: American Indian, Black, Cambodian, Chinese, Eskimo/Aleut, Filipino, Indian (India), Japanese, Korean, Laotian, Pacific Islander, Thai, Vietnamese, White, Other Asian, and Other Races. These data are provided on tables identified as "by Race".

In order to provide a race/ethnic grouping which parallels the population data from the Department of Finance, data reported on the certificates in the item labeled "Hispanic" are combined with "Race" data to provide the five race/ethnicity categories: American Indian, Asian/Pacific Islander, Black, Hispanic, and White/Other Races. Events for Hispanics are separated out first; the remaining categories are non-Hispanic categories. The intention of this methodology is to provide a single mutually exclusive list that combines two reporting categories: Hispanic (origin) and Race. These data are provided on tables identified as "by Race/Ethnicity" and have shading in the headings to facilitate the location of these data.

The major changes in this year's report are the conversion to ICD-Rev. 10 coding for causes of death and the adoption of the year 2000 standard million for computing age-adjusted death rates. It is important to understand that causes of death coded under ICD-Rev. 10 in this report may not be comparable to causes of death coded under ICD-Rev. 9 used in earlier reports. Similarly, age-adjusted rates computed using year 2000 standard million are not comparable to age-adjusted death rates computed using the 1940 standard million and published in earlier reports. For more detail, see Chapters 5, 6, and 7.

For the purpose of analyzing trends in causes of death, the prior series of causes of death coded under ICD-Rev. 9 with age-adjusted rates calculated using the year 2000 standard million are provided in Chapter 7.

In addition, the National Center for Health Statistics is providing comparability ratios. These ratios are based on the double-coding of 1996 national death data using ICD-Rev. 9 and ICD-Rev. 10. Information on comparability ratios is available on the internet at <http://www.cdc.gov/nchs/>, including the publication National Vital Statistics Reports: Comparability of Causes of Death Between ICD-9 and ICD-10:

Preliminary Estimates, Vol. 49, No. 2, May 18, 2001. Caution should be used in applying ratios developed using national data from 1996 to California deaths in 1999, particularly death data disaggregated by sex, age, race/ethnicity, county, and small death counts by cause.

Due to these major changes, several tables have been revised to avoid presenting ICD-Rev. 9 and ICD-Rev. 10 data on the same table. A few new tables have been added.

Table 1-8	Number, Percent Distribution and Percent Change in Deaths by Sex, Age and Hispanic Origin, California and United States, 1998-1999
Table 1-10	Deaths, Percent of Deaths, Death Rates, and Age-Adjusted Death Rates for Ten Leading Causes of Death, California and United States, 1999
Table 5-12	Leading Causes of Death by Race/Ethnicity and Sex, California, 1999
Table 5-13	Selected Detail from the Leading Causes of Death by Sex and Race/Ethnicity, California 1999
Table 5-14	Deaths, Death Rates, and Age-Adjusted Death Rates for 19 Major Causes of Death by Sex, California 1999
Table 5-15	Deaths, Death Rates, and Age-Adjusted Death Rates for 19 Major Causes of Death by Race/Ethnicity, California 1999
Table 5-17	Number and Percent of Leading Causes of Death for California Distributed by Race, California 1999

Chapter 4 – Infant Mortality has been expanded with the following new tables:

Table 4-1	Infant, Neonatal, Postneonatal Deaths and Mortality Rates by Sex, California, 1990-1999
Table 4-2	Infant, Neonatal, Postneonatal Deaths by Sex and Race/Ethnicity, California, 1990-1999
Table 4-3	Infant, Neonatal, Postneonatal Mortality Rates by Sex and Race/Ethnicity, California, 1990-1999
Table 4-5	Number and Percent of Infant Deaths and Infant Mortality Rates for Leading Causes of Death by Sex, California, 1999
Table 4-6	Number and Percent of Infant Deaths and Infant Mortality Rates for Leading Causes of Death by Race/Ethnicity, California, 1999
Table 4-12	Leading Causes of Infant Death Distributed by County, California, 1999

Finally Table 1-14 provides population data by age and sex for 1990-1999, and Table 5-5 provides the related age-specific death rates by sex for 1990-1999.

The 1999 birth and death data files became available in October and November 2000, respectively. Although this report was published in April 2002, the information and electronic products were available during the period of production.

ACKNOWLEDGEMENTS

Assistance in the preparation of this report was provided by Janet Ciarcia, Sherry Fujii, Elisa Hinojosa, and Mich Tashiro of the Department of Health Services, Office of Health Information and Research. Appreciation is extended to the staff of the Department of Health Services, Office of Vital Records, who registered the vital event records that were used in this report, particularly Debbie Balsley, Marcella Lopez, Sandra Marcantelli, and D.J. Quinn, as well as Alan Oppenheim, Emily Lehman, and Jessica McCarroll of the Center for Health Statistics who maintain and support the Automated Vital Statistics System (AVSS).

Staff in the Department of Health Services, Information Technology Services Division, also contributed to this report through their work in preparing California's automated birth and death files, particularly Yolanda Apodaca, Connie Bancroft, Twleigh Lee, and Leora Ton. Appreciation is also extended to Mary Heim in the Demographic Research Unit of the Department of Finance who provided the population data, and to Paula Sahleen at Reprographics.

Inquiries regarding this report should be directed to the Vital Statistics Section, Department of Health Services, 304 S Street, 3rd Floor, Sacramento, CA 95814. If you wish to call, the telephone number for this Section is (916) 445-6355. The FAX number, (916) 324-5599, may also be used to submit an inquiry.

Most of the tables presented in this report are available in both Excel and Adobe Acrobat formats on our website. The Center for Health Statistics Home Page is:

<http://www.dhs.ca.gov/hisp/chs/chsindex.htm>.

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COMPARISON WITH VITAL STATISTICS OF THE UNITED STATES

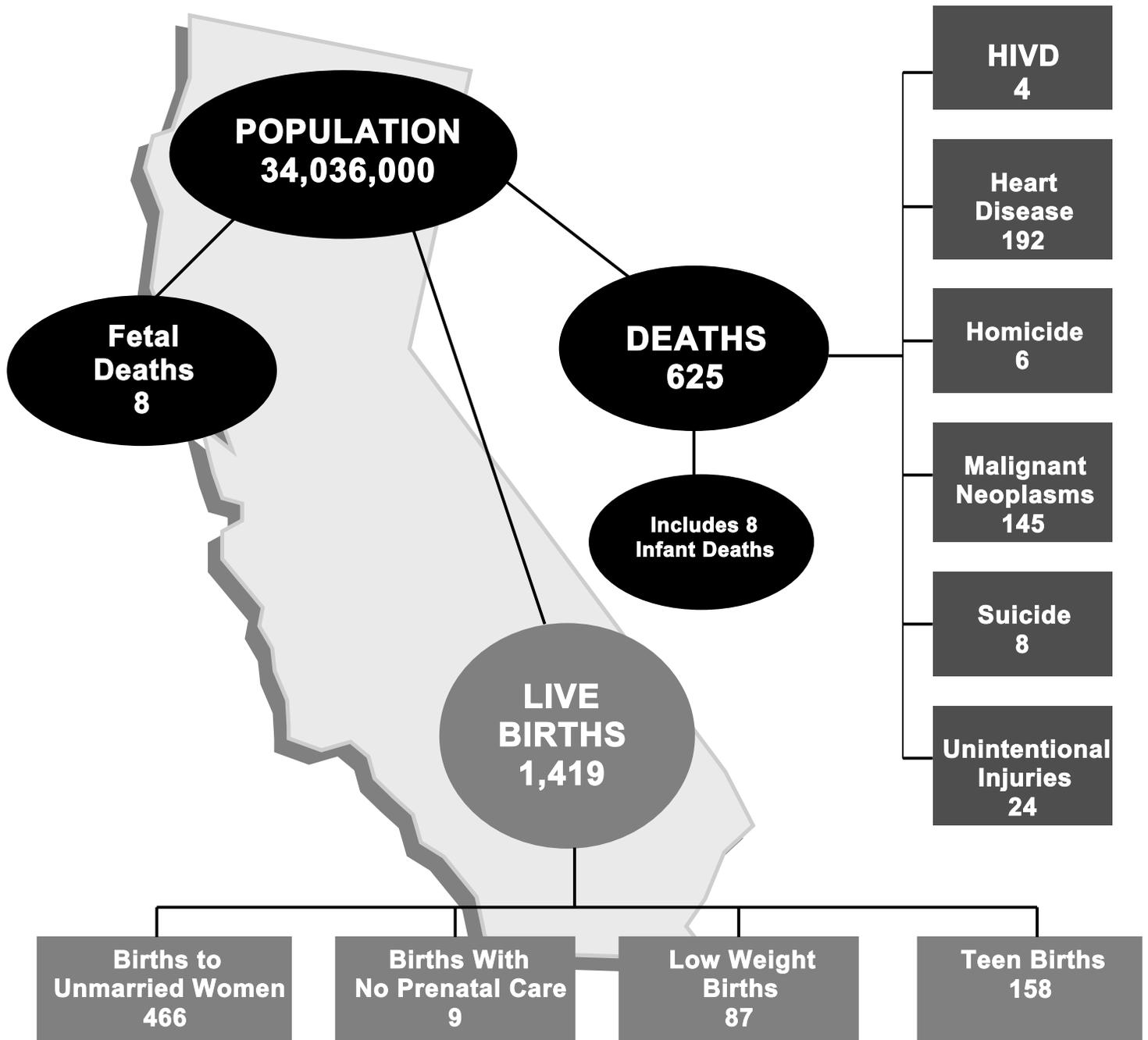
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Figure 1 1999 Vital Events in California

There were, on the average day in California:



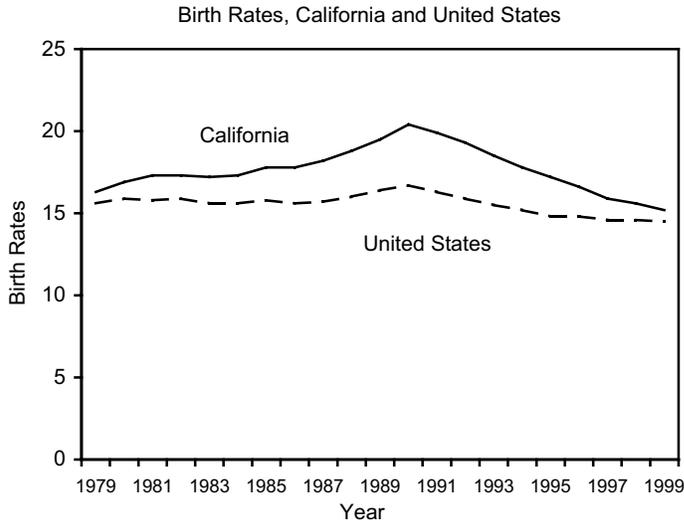
Note: Based on a 365-day year.

Source: State of California, Department of Health Services, Birth, Fetal Death and Death Records. State of California, Department of Finance, 1999 Population Projections by Age, Sex and Race/Ethnic Detail, December 1998.

HIGHLIGHTS

California and United States Comparison

The estimated population in California in 1999 was 34,036,000, an increase of 542,000 from 1998. California's population was 12.4 percent of the United States population, approximately one out of eight U.S. residents.



There were 518,073 live births to residents of California in 1999. These births accounted for 13.1 percent of all U.S. births, approximately one out of eight U.S. births.

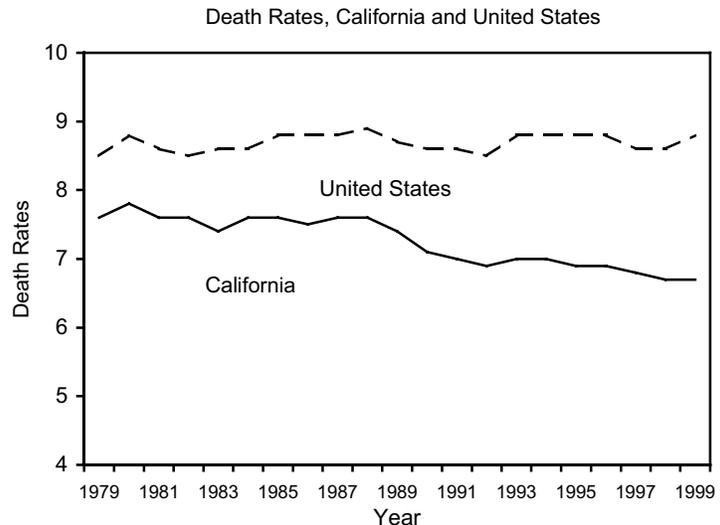
California's birth rate was 15.2 births per 1,000 population. This rate continues to exceed the U.S. rate of 14.5 in 1999.

Of all the California births in 1999, 6.1 percent were low birthweight compared to 7.6 percent for the United States as a whole.

There were 227,965 resident deaths in California in 1999. These deaths accounted for 9.5 percent of all U.S. deaths, approximately one out of ten U.S. deaths.

California's death rate was 6.7 deaths per 1,000 population. This rate continues to be below the U.S. rate of 8.8 in 1999.

California's age-adjusted death rate in 1999 was 776.8 per 100,000 population, compared to 881.9 for the U.S.



California Births

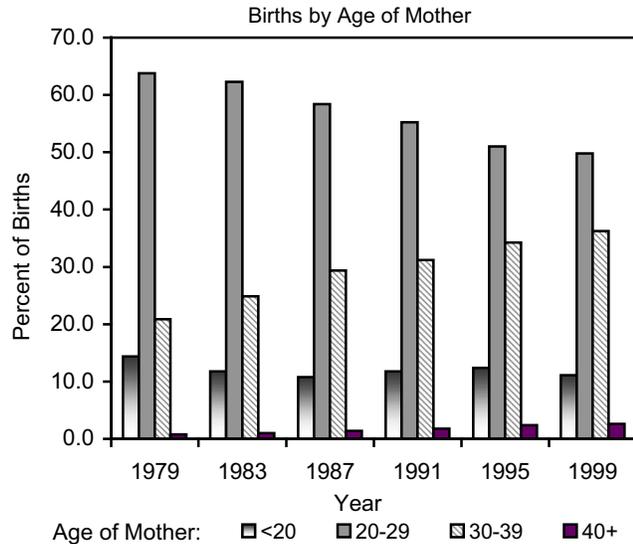
The 518,073 births to California residents in 1999 represents a decrease of 0.6 percent from 1998 and 15.3 percent from the peak of 611,666 births in 1990. There were 249,253 births to Hispanic women in 1999, 48.1 percent of all births.

The birth rate of 15.2 births per 1,000 population was down 2.6 percent from the rate of 15.6 in 1998, continuing the downward trend from 20.4 in 1990.

Women in their twenties accounted for 49.8 percent of all births in 1999, continuing the downward trend from 63.8 percent in 1979.

Women in their thirties accounted for 36.2 percent of births this year, up from 20.9 percent in 1979.

The percentage of births to women under 20 was 11.1 percent in 1999 compared to 14.4 percent in 1979. Births to women 40 and over more than tripled from 0.8 to 2.6 percent between 1979 and 1999.



In 1999, there were 47,990 births to women with less than seven years of education and 46,826 births to fathers with less than seven years of education.

The majority of mothers received prenatal care in their first trimester (82.2 percent). However, the mothers of 16,319 births (3.1 percent) received late (third trimester) or no prenatal care in 1999.

Preterm births (prior to 37 weeks gestation) occurred in 10.0 percent of the 1999 births, down from 10.1 percent in 1998.

California Deaths

In 1999, 227,965 California residents died, up from 225,450 in 1998. The death rate in 1999 was 6.7 deaths per 1,000 population, unchanged from 1998.

Heart disease and cancer (malignant neoplasms) accounted for over half (53.9 percent) of all deaths in California in 1999. Cerebrovascular disease, chronic lower respiratory disease and accidents accounted for 17.6 percent of deaths in 1999. These were the five leading causes of death.

A change in the method of coding causes of death to the Tenth Revision of the International Classification of Diseases resulted in influenza/pneumonia moving down to the 6th leading cause of death and Alzheimer's disease moving up to the 8th leading cause in 1999.

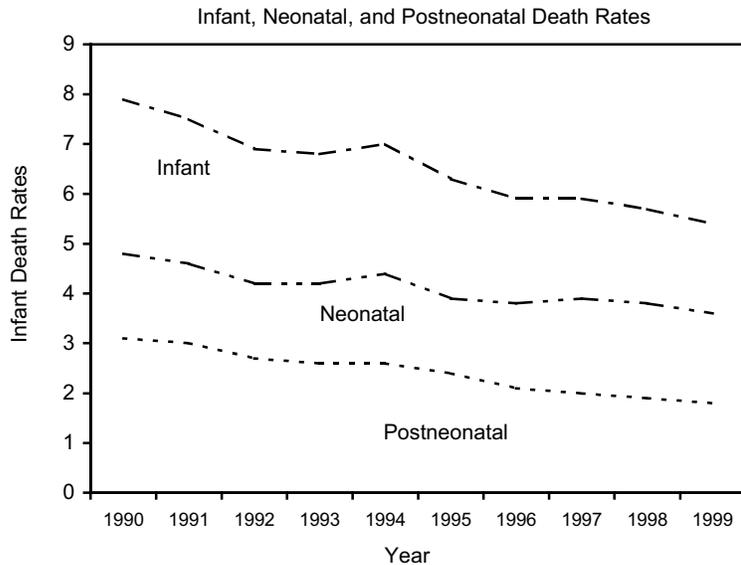
Diabetes remaining the 7th leading cause of death in 1999. Cirrhosis was the 9th leading cause of death in 1999 followed by intentional self-harm (suicide) as the 10th cause.

California Infant Deaths

There were 2,787 deaths of California resident infants (under one year of age) in 1999, a decrease of 6.9 percent from the 1998 level.

California's 1999 infant death rate was 5.4 infant deaths per 1,000 live births, down from the rate of 5.7 in 1998.

The neonatal (less than 28 days old) death rate decreased to 3.6 deaths per 1,000 live births in 1999 from 3.8 in 1998 and the postneonatal (28 days to less than 1 year of age) death rate decreased to 1.8 from a rate of 1.9 in 1998.



Life Expectancy

Life expectancy for a child born in 1999 was 76.3 for males and 81.0 for females. This is a gain of 3.5 years of expected life from the 1990 level for males and a gain of 1.5 years for females.

The average number of years of life remaining at age 65 in 1999 was 17.3 years for males and 20.1 years for females. This is a gain of 1.3 years of expected life from the 1990 level for males and a gain of 0.7 years for females.

TABLE 1-1. POPULATION, LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS, CALIFORNIA, 1970-1999 (By Place of Residence)

(Live birth and death rates are per 1,000 population; maternal mortality rates are per 10,000 live births; fetal mortality ratios and infant mortality rates are per 1,000 live births.)

YEAR	POPULATION	LIVE BIRTHS		DEATHS		MATERNAL DEATHS		FETAL DEATHS		INFANT DEATHS	
		Number	Rate	Number	Rate	Number	Mortality Rate	Number	Mortality Ratio	Number	Mortality Rate
1999	34,036,000	518,073	15.2	227,965	6.7	43	0.8	2,927	5.6	2,787	5.4
1998	33,494,000	521,265	15.6	225,450	6.7	34	0.7	3,053	5.9	2,994	5.7
1997	32,957,000	524,174	15.9	223,438	6.8	45	0.9	2,996	5.7	3,091	5.9
1996	32,383,000	538,628	16.6	222,308	6.9	30	0.6	3,330	6.2	3,186	5.9
1995	32,063,000	551,226	17.2	222,626	6.9	47	0.9	3,355	6.1	3,478	6.3
1994	31,790,000	567,034	17.8	222,854	7.0	55	1.0	3,299	5.8	3,948	7.0
1993	31,517,000	584,483	18.5	220,271	7.0	45	0.8	3,574	6.1	3,970	6.8
1992	31,188,000	600,838	19.3	214,586	6.9	57	0.9	3,704	6.2	4,174	6.9
1991	30,565,000	609,228	19.9	214,220	7.0	65	1.1	3,834	6.3	4,596	7.5
1990	29,944,000	611,666	20.4	213,766	7.1	55	0.9	3,989	6.5	4,828	7.9
1989	29,142,100	569,308	19.5	215,930	7.4	33	0.6	3,824	6.7	4,853	8.5
1988	28,393,100	532,708	18.8	215,185	7.6	55	1.0	3,527	6.6	4,559	8.6
1987	27,716,900	503,376	18.2	209,395	7.6	28	0.6	3,504	7.0	4,530	9.0
1986	27,052,300	481,905	17.8	202,826	7.5	32	0.7	3,259	6.8	4,298	8.9
1985	26,402,600	470,816	17.8	201,815	7.6	36	0.8	3,171	6.7	4,475	9.5
1984	25,816,300	447,394	17.3	195,470	7.6	27	0.6	3,110	7.0	4,212	9.4
1983	25,336,300	435,722	17.2	188,018	7.4	37	0.8	3,049	7.0	4,226	9.7
1982	24,805,000	429,631	17.3	188,255	7.6	43	1.0	3,333	7.8	4,218	9.8
1981	24,277,700	420,418	17.3	184,732	7.6	38	0.9	3,481	8.3	4,276	10.2
1980	23,780,100	402,720	16.9	186,428	7.8	45	1.1	3,594	8.9	4,451	11.1
1979	23,256,700	379,187	16.3	177,214	7.6	43	1.1	3,372	8.9	4,278	11.3
1978	22,835,600	356,156	15.6	175,878	7.7	39	1.1	3,089	8.7	4,235	11.9
1977	22,351,700	347,576	15.6	170,441	7.6	38	1.1	3,051	8.8	4,192	12.1
1976	21,935,400	332,105	15.1	171,095	7.8	42	1.3	3,193	9.6	4,134	12.4
1975	21,537,800	317,318	14.7	170,797	7.9	47	1.5	3,031	9.6	4,256	13.4
1974	21,174,100	311,668	14.7	170,475	8.1	47	1.5	3,163	10.1	4,274	13.7
1973	20,869,100	297,834	14.3	172,798	8.3	47	1.6	3,039	10.2	4,351	14.6
1972	20,585,000	306,375	14.9	170,026	8.3	54	1.8	3,147	10.3	4,877	15.9
1971	20,346,200	329,826	16.2	169,349	8.3	52	1.6	3,542	10.7	5,440	16.5
1970	20,038,300	362,652	18.1	166,382	8.3	77	2.1	4,082	11.3	6,243	17.2

Note: Maternal deaths are those due to complications of pregnancy, childbirth, and the puerperium, International Classification of Diseases (Rev. 10) codes O00-O99. Infant deaths are those under one year of age. Fetal deaths are those of 20 weeks or more gestation.

Source: State of California, Department of Health Services, Birth, Death, and Fetal Death Records. State of California, Department of Finance, 1970-1989 Population: 1970-1996 Population Estimates with Age, Sex, and Race/Ethnic Detail, January 1998; 1990-1999 County Population Estimates, Report E-2, February 2000.

TABLE 1-2. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA COUNTIES, 1999 (By Place of Residence and By Place of Occurrence, Inf. Deaths By Place of Residence)

(Live birth and death rates are per 1,000 population; fetal mortality ratios and infant mortality rates are per 1,000 live births)

COUNTY	LIVE BIRTHS			DEATHS			MATERNAL DEATHS		FETAL DEATHS			INFANT DEATHS BY AGE						
	Residence		Occurrence	Residence		Occurrence	Residence	Occurrence	Residence		Occurrence	Total		Neonatal		1-11 Months		
	Number	Rate		Number	Rate				Number	Mortality Ratio		Number	Mortality Rate	Number	Mortality Rate	Number	Mortality Rate	
CALIFORNIA	518,073	15.2	519,248	227,965	6.7	230,054	43	42	2,927	5.6	2,944	2,787	5.4	1,843	3.6	944	1.8	
ALAMEDA	20,547	14.2	21,490	9,863	6.8	9,738	4	3	139	6.8	149	109	5.3	70	3.4	39	1.9	
ALPINE	12	10.3	1	7	6.0	11	-	-	-	-	-	-	-	-	-	-	-	
AMADOR	264	7.8	226	359	10.7	332	-	-	2	a,b	1	-	-	-	-	-	-	
BUTTE	2,256	11.2	2,670	2,124	10.6	2,244	-	-	17	7.5	15	7	3.1	6	2.7	1	a	
CALAVERAS	325	8.5	8	418	10.9	333	-	-	2	a,b	-	1	a,b	-	-	1	a,b	
COLUSA	335	17.9	177	148	7.9	111	-	-	2	-	-	2	a,b	2	a,b	-	-	
CONTRA COSTA	12,586	13.5	10,620	6,569	7.0	6,493	1	1	76	6.0	62	66	5.2	43	3.4	23	1.8	
DEL NORTE	298	10.9	298	224	8.2	259	-	-	1	a,b	1	1	a,b	-	-	1	a,b	
EL DORADO	1,637	10.7	1,229	1,149	7.5	960	-	-	8	4.9	7	8	4.9	6	3.7	2	a	
FRESNO	14,019	17.7	14,635	5,460	6.9	5,750	-	-	94	6.7	104	85	6.1	61	4.4	24	1.7	
GLENN	386	14.3	2	241	9.0	146	-	-	1	a,b	-	1	a,b	-	-	1	a,b	
HUMBOLDT	1,452	11.5	1,474	1,159	9.2	1,160	-	-	8	5.5	9	6	4.1	4	a	2	a	
IMPERIAL	2,464	16.9	2,369	856	5.9	782	-	-	16	6.5	14	12	4.9	6	2.4	6	2.4	
INYO	190	10.5	278	198	11.0	182	-	-	-	-	-	-	-	-	-	-	-	
KERN	11,377	17.5	10,920	4,656	7.1	4,469	3	3	76	6.7	72	78	6.9	48	4.2	30	2.6	
KINGS	2,149	16.9	2,549	700	5.5	646	-	-	13	6.0	16	16	7.4	7	3.3	9	4.2	
LAKE	579	10.5	411	611	11.0	430	-	-	4	a,b	2	2	a,b	-	-	2	a,b	
LASSEN	284	8.5	273	199	6.0	172	-	-	1	a,b	1	1	a,b	-	-	1	a,b	
LOS ANGELES	156,153	16.0	159,446	59,614	6.1	60,836	14	15	904	5.8	952	841	5.4	561	3.6	280	1.8	
MADERA	1,958	16.8	1,418	868	7.4	779	-	-	17	8.7	9	10	5.1	6	3.1	4	a	
MARIN	2,650	10.7	1,816	1,794	7.3	1,835	-	-	15	5.7	11	7	2.6	4	a	3	a	
MARIPOSA	126	7.9	6	183	11.5	109	-	-	2	-	-	2	a,b	1	a,b	1	a,b	
MENDOCINO	1,012	11.7	968	769	8.9	728	-	-	5	4.9	4	4	a	2	a	2	a	
MERCED	3,658	17.7	2,999	1,383	6.7	1,198	-	-	26	7.1	18	24	6.6	8	2.2	16	4.4	
MODOC	68	7.1	44	101	10.5	69	-	-	-	-	-	1	a,b	1	a,b	-	-	
MONO	119	11.0	22	32	3.0	37	-	-	-	-	-	1	a,b	1	a,b	-	-	
MONTEREY	6,718	17.2	6,297	2,374	6.1	2,308	-	-	42	6.3	40	32	4.8	23	3.4	9	1.3	
NAPA	1,493	12.0	1,203	1,218	9.8	1,267	-	-	11	7.4	10	2	a	1	a	1	a	
NEVADA	770	8.5	886	869	9.6	829	-	-	4	a,b	3	3	a,b	1	a,b	2	a,b	
ORANGE	46,509	16.5	49,105	16,644	5.9	16,811	6	5	246	5.3	251	204	4.4	140	3.0	64	1.4	
PLACER	2,954	12.7	2,379	1,778	7.7	2,094	-	-	7	2.4	7	18	6.1	10	3.4	8	2.7	
PLUMAS	137	6.8	114	220	10.9	185	-	-	1	a,b	-	-	-	-	-	-	-	
RIVERSIDE	23,536	15.6	21,899	12,019	8.0	11,457	2	2	116	4.9	101	160	6.8	103	4.4	57	2.4	
SACRAMENTO	17,737	14.8	19,767	9,004	7.5	9,499	2	2	117	6.6	134	110	6.2	61	3.4	49	2.8	
SAN BENITO	974	19.6	588	269	5.4	212	-	-	4	a,b	2	5	2	a,b	1	a,b	1	a,b
SAN BERNARDINO	28,397	17.0	25,341	10,909	6.5	11,526	2	2	140	4.9	138	215	7.6	139	4.9	76	2.7	
SAN DIEGO	43,261	15.0	44,384	19,168	6.6	19,852	2	2	242	5.6	242	225	5.2	162	3.7	63	1.5	
SAN FRANCISCO	8,119	10.2	11,494	6,645	8.3	6,944	1	1	35	4.3	31	31	3.8	17	2.1	14	1.7	
SAN JOAQUIN	8,853	15.7	8,563	4,348	7.7	4,336	-	-	56	6.3	50	41	4.6	26	2.9	15	1.7	
SAN LUIS OBISPO	2,357	9.8	2,220	2,024	8.4	1,978	-	-	12	7.0	12	7	3.0	2	a	5	2.1	
SAN MATEO	10,108	13.9	6,160	4,926	6.8	5,019	-	-	41	4.1	20	36	3.6	27	2.7	9	0.9	
SANTA BARBARA	5,496	13.5	5,672	2,951	7.2	2,974	1	1	27	4.9	23	26	4.7	18	3.3	8	1.5	
SANTA CLARA	26,266	15.3	30,616	9,033	5.3	9,678	3	4	116	4.4	137	127	4.8	87	3.3	40	1.5	
SANTA CRUZ	3,446	13.6	3,539	1,632	6.4	1,615	-	-	27	7.8	23	17	4.9	16	4.6	1	a	
SHASTA	1,845	11.2	1,865	1,686	10.2	1,829	-	-	10	5.4	11	11	6.0	6	3.3	5	2.7	
SIERRA	12	3.8	1	39	12.3	40	-	-	-	-	-	-	-	-	-	-	-	
SISKIYOU	462	10.6	340	465	10.6	417	-	-	-	-	-	1	a,b	-	-	1	a,b	
SOLANO	5,539	14.0	5,208	2,358	6.0	2,301	-	-	26	4.7	21	31	5.6	17	3.1	14	2.5	
SONOMA	5,420	12.1	5,546	3,735	8.4	3,771	1	1	30	5.5	27	32	5.9	20	3.7	12	2.2	
STANISLAUS	7,115	16.2	7,884	3,354	7.6	3,621	1	-	44	6.2	46	50	7.0	38	5.3	12	1.7	
SUTTER	1,127	14.5	1,946	644	8.3	432	-	-	8	7.1	12	4	a	3	a	1	a	
TEHAMA	634	11.5	554	618	11.2	460	-	-	1	a,b	1	6	b	5	b	1	a,b	
TRINITY	90	6.9	67	137	10.5	85	-	-	-	-	-	3	a,b	1	a,b	2	a,b	
TULARE	6,762	18.5	6,150	2,545	7.0	2,384	-	-	56	8.3	49	34	5.0	31	4.6	3	a	
TUOLUMNE	440	8.3	554	528	10.0	443	-	-	2	a,b	3	2	a,b	1	a,b	1	a,b	
VENTURA	11,444	15.2	10,786	4,556	6.1	4,298	-	-	65	5.7	58	57	5.0	40	3.5	17	1.5	
YOLO	2,142	13.5	1,766	1,033	6.5	897	-	-	13	6.1	12	8	3.7	5	2.3	3	a	
YUBA	1,006	16.8	5	551	9.2	683	-	-	5	5.0	1	7	7.0	5	5.0	2	a	

* By place of occurrence: The place where the event occurred (regardless of place of residence).

By place of residence: The place a person lives or maintains legal residency. For live births, the mother's residence is used.

- Represents zero events.

^a Rates and ratios are not calculated for fewer than five events.

^b Infant mortality rates and fetal mortality ratios are not calculated for counties reporting fewer than 1,000 births.

Note: Fetal deaths of 20 weeks or more gestation are required by law to be registered. Maternal deaths are those due to complications of pregnancy, childbirth, and the puerperium, International Classification of Diseases (Rev. 10) codes O00-O99. Infant deaths are those under one year. Neonatal deaths are those under 28 days.

Source: State of California, Department of Health Services, Birth, Death, and Fetal Death Records.

State of California, Department of Finance. Report E-2, County Population Estimates, July 1, 1990- July 1, 1999, February 2000.

TABLE 1-3. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence and By Place of Occurrence, Infant Deaths By Place of Residence)

(Live birth and death rates are per 1,000 population; fetal mortality ratios and infant mortality rates are per 1,000 live births)

COUNTY	LIVE BIRTHS			DEATHS			MATERNAL DEATHS		FETAL DEATHS			INFANT DEATHS BY AGE						
	Residence		Occurrence	Residence		Occurrence	Residence	Occurrence	Residence		Mortality	rence	Total		Neonatal		1-11 Months	
	Number	Rate		Number	Rate				Number	Ratio			Number	Rate	Number	Mortality Rate	Number	Mortality Rate
CALIFORNIA	518,073	15.3	519,248	227,965	6.8	230,054	43	42	2,927	5.6	2,944	2,787	5.4	1,843	3.6	944	1.8	
ALAMEDA	20,547	14.3	21,490	9,863	6.9	9,738	4	3	139	6.8	149	109	5.3	70	3.4	39	1.9	
Berkeley	944	8.6	6,980	645	5.9	862	-	1	3	a,b	54	3	a,b	3	a,b	-	-	
LOS ANGELES	156,153	16.1	159,446	59,614	6.1	60,836	14	15	904	5.8	952	841	5.4	561	3.6	280	1.8	
Long Beach	8,492	18.8	9,224	3,276	7.3	3,726	-	-	56	6.6	74	52	6.1	34	4.0	18	2.1	
Pasadena	2,384	16.8	4,720	1,164	8.2	1,383	-	-	12	5.0	29	17	7.1	11	4.6	6	2.5	

* By place of occurrence: The place where the event occurred (regardless of place of residence).

By place of residence: The place a person lives or maintains legal residency. For live births, the mother's residence is used.

- Represents zero events.

^a Rates and ratios are not calculated for fewer than five events.

^b Fetal mortality ratios and infant mortality rates are not calculated where there are fewer than 1,000 births.

Note: Infant deaths are those under one year. Neonatal deaths are those under 28 days. Fetal deaths of 20 weeks or more gestation are required by law to be registered. Maternal deaths are those due to complications of pregnancy, childbirth, and the puerperium, International Classification of Diseases (Rev. 10) codes O00-O99.

Source: State of California, Department of Health Services, Birth, Death, and Fetal Death Records.

State of California, Department of Finance. 1999 Population: Report E-1, City/County Population Estimates, January 1, 1999 and 2000, May 2000.

TABLE 1-4. COMPARISON OF VITAL STATISTICS RATES, CALIFORNIA AND UNITED STATES, 1980-1999 (By Place of Residence)

(Birth and death rates are per 1,000 population; general fertility rates are per 1,000 women of childbearing age (15-44 years); total fertility rates are sums of birth rates for 5-year age groups multiplied by 5; infant and neonatal mortality rates are per 1,000 live births.)

YEAR	BIRTH RATE		GENERAL FERTILITY RATE		TOTAL FERTILITY RATE		DEATH RATE		INFANT MORTALITY RATE		NEONATAL MORTALITY RATE	
	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States
1999	15.2	14.5	70.5	65.9	2,207	2,075	6.7	8.8	5.4	7.1	3.6	na
1998	15.6	14.6	71.2	65.6	2,221	2,059	6.7	8.6	5.7	7.2	3.8	4.8
1997	15.9	14.5	72.2	65.0	2,237	2,033	6.8	8.6	5.9	7.2	3.9	4.8
1996	16.6	14.7	74.7	65.3	2,302	2,027	6.9	8.7	5.9	7.3	3.8	4.8
1995	17.2	14.8	76.3	65.6	2326	2,019	6.9	8.8	6.3	7.6	3.9	4.9
1994	17.8	15.2	78.1	66.7	2,355	2,036	7.0	8.8	7.0	8.0	4.4	5.1
1993	18.5	15.5	80.1	67.6	2,387	2,046	7.0	8.8	6.8	8.4	4.2	5.3
1992	19.3	15.9	82.0	68.9	2,416	2,065	6.9	8.5	6.9	8.5	4.2	5.4
1991	19.9	16.3	83.5	69.6	2,445	2,073	7.0	8.6	7.5	8.9	4.6	5.6
1990	20.4	16.7	84.7	70.9	2,444	2,081	7.1	8.6	7.9	9.2	4.8	5.8
1989	19.5	16.4	80.4	69.2	2,293	2,014	7.4	8.7	8.5	9.8	5.2	6.2
1988	18.8	16.0	76.9	67.3	2,174	1,934	7.6	8.9	8.6	10.0	5.1	6.3
1987	18.2	15.7	74.2	65.8	2,080	1,872	7.6	8.8	9.0	10.1	5.5	6.5
1986	17.8	15.6	72.7	65.4	2,022	1,838	7.5	8.8	8.9	10.4	5.6	6.7
1985	17.8	15.8	72.9	66.3	2,014	1,844	7.6	8.8	9.5	10.6	6.0	7.0
1984	17.3	15.6	71.1	65.5	1,950	1,807	7.6	8.6	9.4	10.8	5.9	7.0
1983	17.2	15.6	70.8	65.7	1,930	1,799	7.4	8.6	9.7	11.2	6.2	7.3
1982	17.3	15.9	71.5	67.3	1,933	1,828	7.6	8.5	9.8	11.5	6.3	7.7
1981	17.3	15.8	71.7	67.3	1,925	1,812	7.6	8.6	10.2	11.9	6.4	8.0
1980	16.9	15.9	70.4	68.4	1,885	1,840	7.8	8.8	11.1	12.6	7.2	8.5

na Data not available.

Source: State of California, Department of Health Services, Birth and Death Records.

State of California, Department of Finance, 1980-1996 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 Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001; Deaths: Births, Marriages, Divorces, and Deaths: Provisional Data for 1999, Vol. 48, No. 19, February 22, 2001.

TABLE 1-5. GENERAL FERTILITY RATE, TOTAL FERTILITY RATE, AND BIRTH RATES BY AGE OF MOTHER, CALIFORNIA AND UNITED STATES, 1980-1999 (By Place of Residence)

(General fertility rates are per 1,000 women of childbearing age (15-44 years); total fertility rates are sums of birth rates for 5-year age groups multiplied by 5; age-specific birth rates are per 1,000 women in specified age groups.)

YEAR	GENERAL FERTILITY RATE	TOTAL FERTILITY RATE	BIRTH RATE BY AGE OF MOTHER							
			Under 15 ¹	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over ²
CALIFORNIA										
1999	70.5	2,206.6	0.9	50.2	116.3	122.5	95.8	46.0	10.4	0.8
1998	71.2	2,221.2	0.9	53.6	119.8	122.3	93.1	45.0	10.4	0.7
1997	72.2	2,236.7	1.1	56.7	122.8	121.6	91.4	44.4	10.4	0.7
1996	74.7	2,302.2	1.3	61.6	128.1	123.6	92.6	44.0	10.5	0.6
1995	76.3	2,326.2	1.5	67.2	128.2	123.9	91.9	43.7	10.3	0.7
1994	78.1	2,355.3	1.6	70.2	130.0	125.3	91.9	43.5	10.1	0.7
1993	80.1	2,386.9	1.5	71.3	132.8	127.5	92.4	43.5	9.8	0.6
1992	82.0	2,416.1	1.5	71.7	134.8	128.8	93.8	44.5	9.7	0.6
1991	83.5	2,445.4	1.5	72.9	135.7	132.2	94.3	44.6	9.4	0.6
1990	84.7	2,444.2	1.4	70.0	135.4	133.4	96.6	44.2	9.1	0.6
1989	80.4	2,293.3	1.4	62.7	125.0	128.5	92.0	41.8	8.5	0.4
1988	76.9	2,174.4	1.2	56.2	117.0	125.0	89.5	39.4	7.8	0.5
1987	74.2	2,080.0	1.1	51.9	112.8	121.5	86.1	36.5	7.3	0.5
1986	72.7	2,022.2	1.0	50.0	112.5	119.0	82.6	33.8	6.6	0.4
1985	72.9	2,013.5	1.0	49.3	113.1	120.0	81.4	32.8	6.2	0.4
1984	71.1	1,949.5	1.0	48.3	111.8	116.2	77.0	30.6	6.0	0.4
1983	70.8	1,930.3	0.9	49.1	113.0	114.5	74.4	29.3	5.7	0.4
1982	71.5	1,933.4	0.9	51.2	116.1	115.1	71.1	27.7	5.5	0.4
1981	71.7	1,924.6	1.0	52.9	117.4	114.1	69.1	26.0	5.5	0.3
1980	70.4	1,885.2	0.9	52.4	116.2	111.2	67.4	24.7	5.1	0.3
UNITED STATES										
1999	65.9	2,075.0	0.9	49.6	111.0	117.8	89.6	38.3	7.4	0.4
1998	65.6	2,058.5	1.0	51.1	111.2	115.9	87.4	37.4	7.3	0.4
1997	65.0	2,032.5	1.1	52.3	110.4	113.8	85.3	36.1	7.1	0.4
1996	65.3	2,027.0	1.2	54.4	110.4	113.1	83.9	35.3	6.8	0.3
1995	65.6	2,019.0	1.3	56.8	109.8	112.2	82.5	34.3	6.6	0.3
1994	66.7	2,036.0	1.4	58.9	111.1	113.9	81.5	33.7	6.4	0.3
1993	67.6	2,046.0	1.4	59.6	112.6	115.5	80.8	32.9	6.1	0.3
1992	68.9	2,065.0	1.4	60.7	114.6	117.4	80.2	32.5	5.9	0.3
1991	69.6	2,073.0	1.4	62.1	115.7	118.2	79.5	32.0	5.5	0.2
1990	70.9	2,081.0	1.4	59.9	116.5	120.2	80.8	31.7	5.5	0.2
1989	69.2	2,014.0	1.4	57.3	113.8	117.6	77.4	29.9	5.2	0.2
1988	67.3	1,934.0	1.3	53.0	110.2	114.4	74.8	28.1	4.8	0.2
1987	65.8	1,872.0	1.3	50.6	107.9	111.6	72.1	26.3	4.4	0.2
1986	65.4	1,837.5	1.3	50.2	107.4	109.8	70.1	24.4	4.1	0.2
1985	66.3	1,844.0	1.2	51.0	108.3	111.0	69.1	24.0	4.0	0.2
1984 ^a	65.5	1,806.5	1.2	50.6	106.8	108.7	67.0	22.9	3.9	0.2
1983 ^a	65.7	1,799.0	1.1	51.4	107.8	108.5	64.9	22.0	3.9	0.2
1982 ^a	67.3	1,827.5	1.1	52.4	111.6	111.0	64.1	21.2	3.9	0.2
1981 ^a	67.3	1,812.0	1.1	52.2	112.2	111.5	61.4	20.0	3.8	0.2
1980^a	68.4	1,839.5	1.1	53.0	115.1	112.9	61.9	19.8	3.9	0.2

¹ For women under 15, the rate is calculated using the female population 10-14 years of age.

² For women 45 years and over, the rate is calculated using female population 45-49 years of age.

^a Based on 100 percent of births for selected states and a 50 percent sample of births for all other states.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1980-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999;

1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001.

TABLE 1-6. GENERAL FERTILITY RATE AND BIRTH RATES BY LIVE BIRTH ORDER, CALIFORNIA AND UNITED STATES, 1980-1999 (By Place of Residence)

(General fertility rates are per 1,000 women of childbearing ages (15-44 years). Birth rates are per 1,000 women ages 15-44 years.)

YEAR	GENERAL FERTILITY RATE	BIRTH RATE BY LIVE BIRTH ORDER				
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER
CALIFORNIA						
1999	70.5	27.3	22.3	12.1	5.1	3.6
1998	71.2	27.3	22.6	12.3	5.2	3.8
1997	72.2	27.8	22.7	12.3	5.3	4.0
1996	74.7	28.7	23.5	12.7	5.5	4.3
1995	76.3	29.9	23.6	12.8	5.5	4.4
1994	78.1	30.6	24.2	13.0	5.7	4.6
1993	80.1	31.2	24.9	13.3	6.0	4.8
1992	82.0	32.2	25.2	13.6	6.1	4.9
1991	83.5	33.4	25.4	13.8	6.1	4.8
1990	84.7	34.0	25.7	14.1	6.1	4.7
1989	80.4	32.3	24.5	13.5	5.8	4.3
1988	76.9	30.9	24.0	12.7	5.3	3.9
1987	74.2	30.1	23.2	12.1	5.0	3.7
1986	72.7	29.7	22.9	11.7	4.8	3.6
1985	72.9	29.7	23.4	11.5	4.7	3.5
1984	71.1	29.2	23.0	11.1	4.4	3.4
1983	70.8	29.7	22.5	10.9	4.3	3.4
1982	71.5	30.6	22.5	10.7	4.3	3.4
1981	71.7	31.2	22.3	10.5	4.2	3.5
1980	70.4	31.1	21.6	10.2	4.1	3.4
UNITED STATES						
1999	65.9	26.6	21.5	10.9	4.2	2.7
1998	65.6	26.4	21.4	10.8	4.2	2.7
1997	65.0	26.5	21.1	10.6	4.1	2.7
1996	65.3	26.8	21.1	10.5	4.1	2.7
1995	65.6	27.3	21.1	10.5	4.0	2.7
1994	66.7	27.5	21.5	10.7	4.2	2.9
1993	67.6	27.5	21.9	11.0	4.3	2.9
1992	68.9	27.8	22.3	11.3	4.4	3.0
1991	69.6	28.3	22.4	11.4	4.5	3.0
1990	70.9	29.0	22.8	11.7	4.5	3.0
1989	69.2	28.4	22.4	11.3	4.3	2.8
1988	67.3	27.6	22.0	10.9	4.1	2.7
1987	65.8	27.2	21.6	10.5	3.9	2.5
1986	65.4	27.2	21.6	10.3	3.8	2.5
1985	66.3	27.6	22.0	10.4	3.8	2.5
1984 ^a	65.5	27.4	21.7	10.1	3.7	2.6
1983 ^a	65.7	27.8	21.5	10.1	3.7	2.6
1982 ^a	67.3	28.6	22.0	10.2	3.8	2.6
1981 ^a	67.3	29.0	21.6	10.1	3.8	2.8
1980 ^a	68.4	29.5	21.8	10.3	3.9	2.9

^a Based on 100 percent of births in selected states and on a 50 percent sample of births in all other states.

Note: Live births with unknown birth order were distributed proportionately to live births with known birth order before rates were calculated.

Source: State of California, Department of Health Services, Birth Records.
 State of California, Department of Finance, 1980-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000
 1999 Population: 1970-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.
 National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001.

TABLE 1-7. COMPARISON OF PERCENT OF BIRTHS WITH SELECTED DEMOGRAPHIC AND MEDICAL CHARACTERISTICS, CALIFORNIA AND UNITED STATES, 1990-1999 (By Place of Residence)

YEAR	PERCENTAGE OF DEMOGRAPHIC CHARACTERISTICS										PERCENTAGE OF MEDICAL CHARACTERISTICS							
	Mothers Under 20 Years of Age		Mother Completed 12 Years or More of School		Mother Born in the United States		Unmarried Mother ¹		4th & Higher Birth Order		Late or No Prenatal Care ²		Preterm Birth ³		Cesarean Birth		Low Birthweight ⁴	
	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States	California	United States
1999	11.1	12.3	68.6	78.3	55.3	79.8	32.8	33.0	12.4	10.5	3.1	3.8	10.0	11.8	22.7	22.0	6.1	7.6
1998	11.4	12.5	67.8	78.1	55.8	80.5	32.7	32.8	12.7	10.5	3.6	3.9	10.1	11.6	21.7	21.2	6.2	7.6
1997	11.7	12.7	66.9	77.9	55.1	80.7	31.9	32.4	12.9	10.5	3.7	3.9	9.9	11.4	21.0	20.8	6.1	7.5
1996	12.0	12.9	65.7	77.6	54.7	80.8	31.4	32.4	13.1	10.4	3.8	4.0	9.8	11.0	20.6	20.7	6.1	7.4
1995	12.4	13.1	65.4	77.4	55.5	81.5	32.1	32.2	13.1	10.3	4.6	4.2	9.9	11.0	20.6	20.8	6.1	7.3
1994	12.3	13.1	64.8	77.1	55.5	81.5	35.6	32.6	13.2	10.5	4.8	4.4	9.9	11.0	20.8	21.2	6.2	7.3
1993	12.0	12.8	64.3	76.7	55.2	82.4	35.1	31.0	13.4	10.7	5.0	4.8	9.9	11.0	21.3	21.8	6.0	7.2
1992	11.8	12.7	64.2	76.4	55.5	83.0	34.2	30.1	13.4	10.8	5.3	5.2	9.7	10.7	21.6	22.3	5.9	7.1
1991	11.8	12.9	64.5	75.7	57.1	83.5	33.3	29.5	13.1	10.7	6.3	5.8	9.7	10.8	22.3	22.6	5.8	7.1
1990	11.6	12.8	65.5	76.1	59.0	84.3	31.4	28.1	12.8	10.5	7.0	6.1	9.7	10.6	22.2	22.7	5.8	7.0

¹ Unmarried status in California was estimated prior to 1997. See Chapter 6.

² Third trimester or no prenatal care.

³ Births prior to 37 completed weeks of gestation.

⁴ Birthweight of less than 2,500 grams (5lbs. 8 oz.).

Source: State of California, Department of Health Services, Birth Records.

National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 1999, Vol. 49, No. 1, April 17, 2001.

TABLE 1-8. NUMBER, PERCENT DISTRIBUTION, AND PERCENT CHANGE IN DEATHS BY SEX, AGE, AND HISPANIC ORIGIN, CALIFORNIA AND UNITED STATES, 1998-1999 (By Place of Residence)

Deaths	CALIFORNIA						UNITED STATES					
	1998		1999		Percent Change		1998		1999		Percent Change	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	225,450	100.0	227,965	100.0	1.1	a	2,337,256	100.0	2,391,630	100.0	2.3	a
Males	113,639	50.4	113,624	49.8	0.0	-1.1	1,157,260	49.5	1,175,549	49.2	1.6	-0.7
Females	111,811	49.6	114,341	50.2	2.3	1.1	1,179,996	50.5	1,216,081	50.8	3.1	0.7
< 1 Year	2,994	1.3	2,787	1.2	-6.9	-7.9	28,371	1.2	27,953	1.2	-1.5	-3.7
1-4	581	0.3	595	0.3	2.4	1.3	5,251	0.2	5,250	0.2	0.0	-2.3
5-14	842	0.4	793	0.3	-5.8	-6.9	7,791	0.3	7,595	0.3	-2.5	-4.7
15-24	3,182	1.4	3,018	1.3	-5.2	-6.2	30,627	1.3	30,664	1.3	0.1	-2.2
25-34	4,623	2.1	4,296	1.9	-7.1	-8.1	42,516	1.8	41,070	1.7	-3.4	-5.6
35-44	9,453	4.2	9,109	4.0	-3.6	-4.7	88,866	3.8	89,273	3.7	0.5	-1.8
45-54	15,349	6.8	15,907	7.0	3.6	2.5	146,479	6.3	152,997	6.4	4.4	2.1
55-64	22,304	9.9	22,454	9.8	0.7	-0.4	233,724	10.0	239,007	10.0	2.3	-0.1
65-74	42,621	18.9	41,620	18.3	-2.3	-3.4	458,982	19.6	452,636	18.9	-1.4	-3.6
75-84	65,285	29.0	66,388	29.1	1.7	0.6	681,663	29.2	698,648	29.2	2.5	0.2
85+	58,118	25.8	60,926	26.7	4.8	3.7	612,575	26.2	646,181	27.0	5.5	3.1
Not Stated	98	0.04	72	0.03	-26.5	-27.3	411	0.02	356	0.01	-13.4	-15.4
Hispanic	26,979	12.0	27,907	12.2	3.4	2.3	98,406	4.2	103,772	4.3	5.5	3.1

a Percent change does not apply to total distributions.

Note: Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Death Records.

National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 1999, Vol. 49, No. 3, June 26, 2001.

TABLE 1-9. NUMBER AND PERCENT OF INFANT DEATHS AND INFANT MORTALITY RATES FOR LEADING CAUSES OF DEATH, CALIFORNIA AND UNITED STATES, 1999 (By Place of Residence)
 (Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1988**; infant mortality rates are per 100,000 live births)

TOTAL INFANT DEATHS - CALIFORNIA						TOTAL INFANT DEATHS - UNITED STATES					
RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT ¹	MORTALITY RATE	RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT ¹	MORTALITY RATE
	All Causes	A00-Y89	2,787	100.0	538.0		All Causes	A00-Y89	27,953	100.0	706.0
1	Congenital Malformations, Deformations, and Chromosomal Abnormalities	Q00-Q99	676	24.3	130.5	1	Congenital Malformations, Deformations, and Chromosomal Abnormalities	Q00-Q99	5,471	19.6	138.2
2	Disorders of Short Gestation and Low Birthweight	P07	386	13.9	74.5	2	Disorders of Short Gestation and Low Birthweight	P07	4,397	15.7	111.1
3	Sudden Infant Death Syndrome	R95	237	8.5	45.7	3	Sudden Infant Death Syndrome	R95	2,583	9.2	65.3
4	Respiratory Distress of Newborn	P22	91	3.3	17.6	5	Respiratory Distress of Newborn	P22	1,111	4.0	28.1
5	Complications of Placenta, Cord, and Membrane	P02	88	3.2	17.0	6	Complications of Placenta, Cord, and Membrane	P02	1,025	3.7	25.9
6	Neonatal Hemorrhage	P50-P52, P54	87	3.1	16.8	11	Neonatal Hemorrhage	P50-P52, P54	508	1.8	12.8
7	Effect of Maternal Complications of Pregnancy	P01	85	3.0	16.4	4	Effect of Maternal Complications of Pregnancy	P01	1,402	5.0	35.4
8	Diseases of Circulatory System	I00-I99	68	2.4	13.1	9	Diseases of Circulatory System	I00-I99	667	2.4	16.9
9	Intrauterine Hypoxia & Birth Asphyxia	P20-P21	62	2.2	12.0	10	Intrauterine Hypoxia & Birth Asphyxia	P20-P21	613	2.2	15.5
9	Accidents	V01-X59	62	2.2	12.0	8	Accidents	V01-X59	833	3.0	21.0
11	Perinatal Infections	P35-P39	59	2.1	11.4	7	Perinatal Infections	P35-P39	869	3.1	22.0
	All Other Causes	RESIDUAL	886	31.8			All Other Causes	RESIDUAL	8,474	30.3	

¹ Percents are rounded independently and may not add to totals.

Note: The Leading Causes are presented in 1999 ranking for California infant deaths.

Source: State of California, Department of Health Services, Birth and Death Records.

National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 1999, Vol. 49, No. 3, June 26, 2001.

TABLE 1-10. DEATHS, PERCENT OF DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES FOR TEN LEADING CAUSES OF DEATH, CALIFORNIA AND UNITED STATES, 1999 (By Place of Residence)

(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1989** and are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**)

LEADING CAUSES OF DEATH - CALIFORNIA

RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT ¹	DEATH RATE	AGE-ADJUSTED RATE
	All Causes	A00-Y89	227,965	100.0	669.1	776.8
1	Diseases of Heart	I00-I09,I11,I13, I20-I51	69,900	30.7	205.2	243.4
2	Malignant Neoplasms	C00-C97	52,880	23.2	155.2	179.5
3	Cerebrovascular Diseases	I60-I69	18,079	7.9	53.1	63.3
4	Chronic Lower Respiratory Diseases	J40-J47	13,187	5.8	38.7	45.8
5	Accidents	V01-X59,Y85-Y86	8,940	3.9	26.2	27.5
6	Influenza & Pneumonia	J10-J18	8,014	3.5	23.5	28.2
7	Diabetes	E10-E14	6,004	2.6	17.6	20.5
8	Alzheimer's Disease	G30	3,934	1.7	11.5	14.0
9	Chronic Liver Disease & Cirrhosis	K70,K73-K74	3,546	1.6	10.4	11.5
10	Intentional Self-Harm (Suicide)	X60-X84,Y87.0	3,047	1.3	8.9	9.4
	All Other Causes	RESIDUAL	40,434	17.7		

LEADING CAUSES OF DEATH - UNITED STATES

RANK	CAUSE OF DEATH	ICD CODES REV. 10	DEATHS	PERCENT ¹	DEATH RATE	AGE-ADJUSTED RATE
	All Causes	A00-Y89	2,391,630	100.0	877.0	881.9
1	Diseases of Heart	I00-I09,I11,I13, I20-I51	724,915	30.3	265.8	267.7
2	Malignant Neoplasms	C00-C97	549,787	23.0	201.6	202.6
3	Cerebrovascular Diseases	I60-I69	167,340	7.0	61.4	61.8
4	Chronic Lower Respiratory Diseases	J40-J47	124,153	5.2	45.5	45.8
5	Accidents	V01-X59,Y85-Y86	97,298	4.1	35.7	35.7
7	Influenza & Pneumonia	J10-J18	63,686	2.7	23.4	23.5
6	Diabetes	E10-E14	68,379	2.9	25.1	25.2
8	Alzheimer's Disease	G30	44,507	1.9	16.3	16.5
-	Chronic Liver Disease & Cirrhosis	K70,K73-K74	26,225	1.1	9.6	9.7
-	Intentional Self-Harm (Suicide)	X60-X84,Y87.0	29,041	1.2	10.6	10.6
	All Other Causes	RESIDUAL	496,299	20.8		

¹ Percents are rounded independently and may not add to totals.

- Not among the ten leading causes for the United States.

Note: The Leading Causes are presented in 1999 ranking for California deaths.

Source: State of California, Department of Health Services, Death Records.
 State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections with Age, Sex,
 and Race/Ethnic Detail, December 1998.
 National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 1999, Vol 49,
 No. 3, June 26, 2001.

TABLE 1-11. NUMBER AND PERCENT OF WOMEN OF CHILDBEARING AGE BY AGE GROUP, CALIFORNIA AND UNITED STATES, 1997-1999

AGE GROUP	CALIFORNIA		UNITED STATES	
	Number	Percent ¹	Number	Percent ¹
1999				
Total, 15-44	7,346,005	100.0	60,107,320	100.0
15-19	1,126,218	15.3	9,596,926	16.0
20-24	1,033,701	14.1	8,842,537	14.7
25-29	1,123,840	15.3	9,153,808	15.2
30-34	1,270,694	17.3	9,955,716	16.6
35-39	1,425,146	19.4	11,328,875	18.8
40-44	1,366,406	18.6	11,229,458	18.7
Median Age	31.5		31.2	
1998				
Total, 15-44	7,316,384	100.0	60,086,387	100.0
15-19	1,084,825	14.8	9,495,304	15.8
20-24	1,012,946	13.8	8,680,910	14.4
25-29	1,147,923	15.7	9,333,616	15.5
30-34	1,302,826	17.8	10,168,918	16.9
35-39	1,425,515	19.5	11,363,296	18.9
40-44	1,342,349	18.3	11,044,343	18.4
Median Age	31.6		31.2	
1997				
Total, 15-44	7,264,854	100.0	60,958,599	100.0
15-19	1,055,075	14.5	9,301,845	15.3
20-24	1,000,995	13.8	8,591,153	14.1
25-29	1,160,999	16.0	9,445,859	15.5
30-34	1,333,924	18.4	10,446,529	17.1
35-39	1,411,168	19.4	11,372,826	18.7
40-44	1,302,693	17.9	11,800,387	19.4
Median Age	31.6		31.5	

¹ Percents are rounded independently and may not add to totals.

Source: State of California, Department of Finance, 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998. U.S. Census Bureau, Population Division: Population Estimates for the U.S., July 1, 1990 to July 1, 1999 (ST-99-8), March 9, 2000.

TABLE 1-12. NUMBER OF WOMEN OF CHILDBEARING AGE BY RACE/ETHNICITY AND AGE, CALIFORNIA, 1995-1999 (By Place of Residence)

YEAR	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	TOTAL 15-44
TOTAL									
1999	1,209,875	1,126,218	1,033,701	1,123,840	1,270,694	1,425,146	1,366,406	1,172,206	7,346,005
1998	1,173,580	1,084,825	1,012,946	1,147,923	1,302,826	1,425,515	1,342,349	1,144,053	7,316,384
1997	1,145,956	1,055,075	1,000,995	1,160,999	1,333,924	1,411,168	1,302,693	1,113,794	7,264,854
1996	1,114,798	1,023,945	995,081	1,179,399	1,349,531	1,405,722	1,254,732	1,101,771	7,208,410
1995	1,099,978	991,180	1,034,258	1,199,186	1,391,656	1,384,990	1,223,902	1,041,997	7,225,172
AMERICAN INDIAN									
1999	7,030	7,330	6,989	7,284	7,503	8,983	8,959	8,177	47,048
1998	6,781	7,194	6,868	7,211	7,568	9,035	8,718	7,995	46,594
1997	6,820	7,208	6,812	7,206	7,949	9,014	8,649	7,880	46,838
1996	6,923	7,176	6,785	7,302	8,280	9,022	8,422	8,023	46,987
1995	7,161	7,006	7,067	7,327	8,664	8,969	8,320	7,652	47,353
ASIAN/ PACIFIC ISLANDER									
1999	138,781	138,259	132,171	146,352	152,653	168,384	167,199	147,914	905,018
1998	135,152	131,609	129,735	144,025	151,151	166,996	162,259	143,240	885,775
1997	131,374	125,664	127,047	138,537	149,994	163,471	156,748	135,900	861,461
1996	127,785	120,382	124,731	134,107	148,202	161,657	149,294	130,722	838,373
1995	124,662	114,838	125,018	130,622	150,177	158,301	144,093	119,243	823,049
BLACK									
1999	95,298	85,581	80,522	81,564	90,602	102,144	96,969	81,985	537,382
1998	93,958	86,439	81,136	87,432	97,577	105,488	95,836	81,421	553,908
1997	90,098	84,984	79,683	88,093	99,622	103,948	92,729	78,356	549,059
1996	87,309	83,969	79,202	90,634	101,078	103,187	88,608	75,546	546,678
1995	86,142	81,580	81,117	91,883	104,458	100,890	86,358	69,611	546,286
HISPANIC									
1999	444,524	395,538	356,420	382,534	415,544	399,254	339,605	259,210	2,288,895
1998	421,487	377,689	345,066	387,268	411,317	383,630	322,645	242,995	2,227,615
1997	407,562	362,965	342,075	389,200	409,516	370,820	306,079	228,753	2,180,655
1996	394,547	350,323	336,833	394,497	400,997	363,099	288,566	219,195	2,134,315
1995	387,147	339,860	349,949	398,644	399,704	348,609	273,545	202,147	2,110,311
WHITE/OTHER RACES									
1999	524,242	499,510	457,599	506,106	604,392	746,381	753,674	674,920	3,567,662
1998	516,202	481,894	450,141	521,987	635,213	760,366	752,891	668,402	3,602,492
1997	510,102	474,254	445,378	537,963	666,843	763,915	738,488	662,905	3,626,841
1996	498,234	462,095	447,530	552,859	690,974	768,757	719,842	668,285	3,642,057
1995	494,866	447,896	471,107	570,710	728,653	768,221	711,586	643,344	3,698,173

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. Hispanic includes any race category.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1995-1996 Population: 1970-1996 Race/Ethnic Population Estimates by County with Age and Sex Detail, January 1997 Population Estimates with Age, Sex, and Race/Ethnic Detail, June 1999; 1998 Population Estimates with Age, Sex, and Race/Ethnic Detail, May 2000; Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 1-13. POPULATION BY RACE/ETHNICITY, AGE, AND SEX, CALIFORNIA, 1999

AGE IN YEARS	ALL RACE/ETHNICITIES			AMERICAN INDIAN			ASIAN/PACIFIC ISLANDER		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Under 1	553,480	283,033	270,447	2,708	1,387	1,321	63,024	32,249	30,775
1-4	2,218,731	1,134,840	1,083,891	10,870	5,464	5,406	249,860	128,310	121,550
5-14	5,438,254	2,785,041	2,653,213	27,941	14,271	13,670	609,625	313,269	296,356
15-24	4,490,994	2,331,075	2,159,919	29,649	15,330	14,319	554,416	283,986	270,430
25-34	5,088,372	2,693,838	2,394,534	30,382	15,595	14,787	605,246	306,241	299,005
35-44	5,703,159	2,911,607	2,791,552	34,599	16,657	17,942	650,641	315,058	335,583
45-54	4,284,494	2,127,558	2,156,936	29,140	13,647	15,493	499,762	236,631	263,131
55-64	2,647,776	1,289,251	1,358,525	18,557	8,870	9,687	281,747	133,904	147,843
65-74	1,945,679	889,827	1,055,852	10,787	4,983	5,804	198,623	86,803	111,820
75-84	1,272,523	519,523	753,000	5,866	2,384	3,482	110,471	47,953	62,518
85+	429,016	134,219	294,797	2,322	796	1,526	32,873	14,482	18,391
TOTAL	34,072,478	17,099,812	16,972,666	202,821	99,384	103,437	3,856,288	1,898,886	1,957,402

AGE IN YEARS	BLACK			HISPANIC			WHITE/OTHER RACES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Under 1	37,436	19,147	18,289	263,940	134,897	129,043	186,372	95,353	91,019
1-4	150,150	76,493	73,657	1,043,348	532,534	510,814	764,503	392,039	372,464
5-14	412,399	208,881	203,518	2,187,045	1,117,326	1,069,719	2,201,244	1,131,294	1,069,950
15-24	352,398	186,295	166,103	1,555,795	803,837	751,958	1,998,736	1,041,627	957,109
25-34	361,723	189,557	172,166	1,812,547	1,014,469	798,078	2,278,474	1,167,976	1,110,498
35-44	387,780	188,667	199,113	1,581,171	842,312	738,859	3,048,968	1,548,913	1,500,055
45-54	274,298	129,075	145,223	912,180	462,923	449,257	2,569,114	1,285,282	1,283,832
55-64	164,532	76,514	88,018	481,158	233,374	247,784	1,701,782	836,589	865,193
65-74	103,767	44,942	58,825	309,686	140,820	168,866	1,322,816	612,279	710,537
75-84	58,756	22,082	36,674	152,091	62,846	89,245	945,339	384,258	561,081
85+	17,677	5,158	12,519	53,802	18,170	35,632	322,342	95,613	226,729
TOTAL	2,320,916	1,146,811	1,174,105	10,352,763	5,363,508	4,989,255	17,339,690	8,591,223	8,748,467

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. Hispanic includes any race category. White includes other races.

Source: State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 1-14. POPULATION BY AGE AND SEX, CALIFORNIA, 1990-1999

TOTAL POPULATION										
AGES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Under 1	547,305	609,415	612,811	582,503	573,336	552,649	540,625	526,869	522,053	553,480
1-4	1,944,963	2,029,037	2,173,164	2,281,146	2,340,237	2,356,048	2,298,325	2,247,883	2,211,391	2,218,731
5-14	4,205,924	4,339,571	4,460,630	4,556,999	4,654,241	4,760,414	4,914,945	5,126,482	5,285,021	5,438,254
15-24	4,644,966	4,551,721	4,497,128	4,407,264	4,314,391	4,247,442	4,217,867	4,287,123	4,356,395	4,490,994
25-34	5,714,423	5,734,779	5,740,799	5,658,729	5,569,897	5,472,130	5,357,377	5,295,965	5,209,040	5,088,372
35-44	4,630,685	4,841,131	4,966,673	5,074,808	5,179,154	5,285,866	5,401,744	5,520,289	5,644,484	5,703,159
45-54	2,887,962	2,993,305	3,177,217	3,339,827	3,488,007	3,643,480	3,806,109	3,972,821	4,131,964	4,284,494
55-64	2,237,939	2,246,345	2,261,325	2,268,288	2,288,474	2,315,263	2,359,866	2,432,927	2,542,100	2,647,776
65-74	1,857,110	1,901,985	1,936,963	1,949,077	1,949,559	1,953,708	1,954,134	1,949,636	1,948,867	1,945,679
75-84	977,737	1,010,085	1,040,341	1,066,524	1,092,670	1,122,133	1,161,701	1,205,134	1,236,533	1,272,523
85+	293,383	305,902	319,508	330,588	340,591	353,779	371,118	391,566	406,520	429,016
TOTAL	29,942,397	30,563,276	31,186,559	31,515,753	31,790,557	32,062,912	32,383,811	32,956,695	33,494,368	34,072,478
MALE POPULATION										
AGES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Under 1	280,064	311,734	313,683	298,309	293,367	282,371	276,538	269,593	266,400	283,033
1-4	995,866	1,038,584	1,112,073	1,167,037	1,197,222	1,205,502	1,175,708	1,150,084	1,131,226	1,134,840
5-14	2,154,791	2,222,443	2,283,622	2,333,340	2,382,992	2,436,320	2,514,194	2,623,174	2,705,072	2,785,041
15-24	2,474,482	2,416,889	2,380,353	2,324,262	2,265,036	2,222,004	2,198,841	2,231,053	2,258,624	2,331,075
25-34	2,962,319	2,979,230	2,990,551	2,956,504	2,921,167	2,881,288	2,828,447	2,801,042	2,758,291	2,693,838
35-44	2,331,666	2,439,155	2,504,098	2,561,897	2,618,204	2,676,974	2,741,290	2,806,428	2,876,620	2,911,607
45-54	1,431,740	1,485,669	1,577,359	1,657,248	1,729,680	1,806,538	1,887,994	1,971,051	2,050,872	2,127,558
55-64	1,066,255	1,076,478	1,088,515	1,095,750	1,108,322	1,123,352	1,146,990	1,183,049	1,236,601	1,289,251
65-74	826,616	846,086	862,045	868,262	870,059	875,138	879,924	882,049	885,274	889,827
75-84	380,555	395,320	409,526	421,715	433,823	447,186	465,740	486,886	501,517	519,523
85+	85,162	89,595	94,551	97,842	101,137	105,879	112,258	120,167	125,570	134,219
TOTAL	14,989,516	15,301,183	15,616,376	15,782,166	15,921,009	16,062,552	16,227,924	16,524,576	16,796,067	17,099,812
FEMALE POPULATION										
AGES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Under 1	267,241	297,681	299,128	284,194	279,969	270,278	264,087	257,276	255,653	270,447
1-4	949,097	990,453	1,061,091	1,114,109	1,143,015	1,150,546	1,122,617	1,097,799	1,080,165	1,083,891
5-14	2,051,133	2,117,128	2,177,008	2,223,659	2,271,249	2,324,094	2,400,751	2,503,308	2,579,949	2,653,213
15-24	2,170,484	2,134,832	2,116,775	2,083,002	2,049,355	2,025,438	2,019,026	2,056,070	2,097,771	2,159,919
25-34	2,752,104	2,755,549	2,750,248	2,702,225	2,648,730	2,590,842	2,528,930	2,494,923	2,450,749	2,394,534
35-44	2,299,019	2,401,976	2,462,575	2,512,911	2,560,950	2,608,892	2,660,454	2,713,861	2,767,864	2,791,552
45-54	1,456,222	1,507,636	1,599,858	1,682,579	1,758,327	1,836,942	1,918,115	2,001,770	2,081,092	2,156,936
55-64	1,171,684	1,169,867	1,172,810	1,172,538	1,180,152	1,191,911	1,212,876	1,249,878	1,305,499	1,358,525
65-74	1,030,494	1,055,899	1,074,918	1,080,815	1,079,500	1,078,570	1,074,210	1,067,587	1,063,593	1,055,852
75-84	597,182	614,765	630,815	644,809	658,847	674,947	695,961	718,248	735,016	753,000
85+	208,221	216,307	224,957	232,746	239,454	247,900	258,860	271,399	280,950	294,797
TOTAL	14,952,881	15,262,093	15,570,183	15,733,587	15,869,548	16,000,360	16,155,887	16,432,119	16,698,301	16,972,666

Source: State of California, Department of Finance, 1990-1996 Population: 1970-1996 Population Estimates with Age, Sex, and Race/Ethnic Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 1-15. TOTAL POPULATION AND POPULATION DENSITY *, CALIFORNIA COUNTIES, July 1, 1990, 1998 and 1999 (By Place of Residence)

COUNTY	1990 ESTIMATED POPULATION		1998 ESTIMATED POPULATION		1999 ESTIMATED POPULATION		PERCENT CHANGE IN DENSITY 1990-1999	PERCENT CHANGE IN DENSITY 1998-1999
	Number	Density	Number	Density	Number	Density		
CALIFORNIA	29,944,000	191.2	33,494,000	214.7	34,036,000	218.2	14.1	1.6
Alameda	1,284,800	1,752.8	1,428,300	1,936.7	1,448,700	1,964.3	12.1	1.4
Alpine	1,100	1.5	1,180	1.6	1,170	1.6	4.1	-0.8
Amador	30,300	51.1	33,100	55.9	33,650	56.8	11.1	1.7
Butte	183,100	110.1	199,700	121.8	200,600	122.3	11.1	0.5
Calaveras	32,350	31.5	38,250	37.5	38,350	37.6	19.3	0.3
Colusa	16,400	14.2	18,650	16.2	18,750	16.3	14.5	0.5
Contra Costa	807,600	1,100.3	916,900	1,272.9	932,000	1,293.9	17.6	1.6
Del Norte	24,150	24.1	27,800	27.6	27,450	27.2	13.1	-1.3
El Dorado	127,500	74.4	150,200	87.8	152,400	89.0	19.7	1.5
Fresno	673,700	113.0	785,100	131.7	794,200	133.2	17.9	1.2
Glenn	24,900	18.9	26,850	20.4	26,900	20.5	8.2	0.2
Humboldt	119,600	33.5	125,800	35.2	126,100	35.3	5.4	0.2
Imperial	110,800	25.9	143,400	34.3	145,600	34.9	34.8	1.5
Inyo	18,250	1.8	18,300	1.8	18,050	1.8	-2.1	-1.4
Kern	549,600	67.4	640,100	78.6	651,700	80.0	18.7	1.8
Kings	102,300	73.3	124,200	89.4	127,300	91.6	24.9	2.5
Lake	51,000	40.6	55,100	43.8	55,400	44.0	8.4	0.5
Lassen	27,700	6.1	33,450	7.3	33,350	7.3	20.1	-0.3
Los Angeles	8,902,000	2,192.6	9,639,800	2,374.3	9,790,000	2,411.3	10.0	1.6
Madera	89,400	41.7	114,700	53.6	116,600	54.5	30.8	1.7
Marin	230,200	442.7	245,000	471.3	246,700	474.6	7.2	0.7
Mariposa	14,550	10.0	16,050	11.1	15,900	11.0	9.6	-0.9
Mendocino	81,000	23.1	86,200	24.6	86,500	24.6	6.7	0.3
Merced	180,200	90.9	204,400	106.0	207,000	107.3	18.0	1.3
Modoc	9,725	2.4	9,825	2.5	9,575	2.4	2.1	-2.5
Mono	10,050	3.3	10,600	3.5	10,800	3.5	6.9	1.9
Monterey	357,400	107.5	384,100	115.6	390,900	117.7	9.4	1.8
Napa	111,300	146.8	122,600	162.6	124,200	164.7	12.2	1.3
Nevada	79,100	80.9	90,100	94.1	90,500	94.5	16.8	0.4
Orange	2,417,600	3,091.6	2,763,900	3,499.9	2,813,700	3,563.0	15.2	1.8
Placer	175,000	122.9	223,100	158.9	232,000	165.2	34.4	4.0
Plumas	19,750	7.7	20,400	8.0	20,200	7.9	2.9	-1.0
Riverside	1,194,600	166.4	1,458,500	202.3	1,504,100	208.7	25.4	3.1
Sacramento	1,049,000	1,067.1	1,176,200	1,218.0	1,202,100	1,244.8	16.6	2.2
San Benito	37,000	26.5	47,800	34.4	49,700	35.8	35.0	4.0
San Bernardino	1,436,700	71.4	1,645,800	82.0	1,674,700	83.5	17.0	1.8
San Diego	2,511,400	590.2	2,828,300	672.7	2,883,500	685.8	16.2	2.0
San Francisco	727,900	16,175.6	789,500	16,905.8	797,200	17,070.7	5.5	1.0
San Joaquin	483,800	343.4	551,500	394.1	562,600	402.0	17.1	2.0
San Luis Obispo	218,000	65.7	238,100	72.1	240,500	72.8	10.7	1.0
San Mateo	651,400	1,434.8	721,400	1,606.3	727,300	1,619.5	12.9	0.8
Santa Barbara	370,900	135.5	405,000	147.9	408,600	149.2	10.1	0.9
Santa Clara	1,504,400	1,155.5	1,701,400	1,317.7	1,717,600	1,330.2	15.1	1.0
Santa Cruz	230,400	524.8	250,800	562.6	253,400	568.4	8.3	1.0
Shasta	148,600	39.1	164,800	43.5	165,000	43.6	11.4	0.1
Sierra	3,320	3.5	3,310	3.5	3,180	3.3	-3.8	-3.9
Siskiyou	43,550	6.9	44,100	7.0	43,750	7.0	0.9	-0.8
Solano	344,100	416.1	385,500	465.5	394,300	476.1	14.4	2.3
Sonoma	390,300	247.2	440,500	279.5	447,300	283.8	14.8	1.5
Stanislaus	375,200	250.1	431,100	288.4	439,800	294.3	17.6	2.0
Sutter	65,000	107.1	76,700	127.3	77,700	128.9	20.4	1.3
Tehama	49,900	16.8	55,200	18.7	55,300	18.7	11.8	0.2
Trinity	13,000	4.1	13,200	4.2	13,050	4.1	0.8	-1.1
Tulare	314,000	64.9	361,400	74.9	365,400	75.7	16.7	1.1
Tuolumne	48,650	21.4	52,700	23.6	52,800	23.6	10.4	0.2
Ventura	670,200	362.1	738,200	399.9	751,600	407.2	12.4	1.8
Yolo	141,500	136.8	156,000	154.1	158,900	157.0	14.7	1.9
Yuba	58,800	92.3	60,300	95.6	60,000	95.2	3.1	-0.5

* Density is population per land area (155,973 square miles in 1999).

Note: Estimates are rounded independently and may not add to totals.

Source: State of California, Department of Finance, 1990-1999 Estimates of Total Population of California Counties, Report E-2, February 2000; California Statistical Abstract, 1999, December 1999.

TABLE 1-16. INTERCENSAL ESTIMATES OF TOTAL POPULATION, CALIFORNIA COUNTIES, 1991-1997

COUNTY	JULY 1, 1991	JULY 1, 1992	JULY 1, 1993	JULY 1, 1994	JULY 1, 1995	JULY 1, 1996	JULY 1, 1997
CALIFORNIA	30,565,000	31,188,000	31,517,000	31,790,000	32,063,000	32,383,000	32,957,000
Alameda	1,301,100	1,322,600	1,334,200	1,342,000	1,347,700	1,365,000	1,398,500
Alpine	1,120	1,140	1,130	1,120	1,170	1,190	1,200
Amador	31,250	31,750	32,300	32,450	32,600	32,950	33,450
Butte	186,200	189,700	191,400	193,400	196,100	196,500	198,500
Calaveras	33,750	35,100	35,750	36,350	36,950	36,900	37,950
Colusa	16,750	17,050	17,350	17,600	17,850	18,250	18,600
Contra Costa	821,500	838,700	851,400	860,200	867,300	877,900	896,200
Del Norte	26,150	26,850	27,250	27,600	27,600	27,500	28,400
El Dorado	132,100	136,300	140,000	141,800	144,200	144,700	147,400
Fresno	696,400	717,200	730,300	739,800	754,100	769,700	778,700
Glenn	25,400	25,900	26,050	26,100	26,600	26,700	26,900
Humboldt	121,000	123,000	124,100	124,000	124,500	125,100	126,100
Imperial	115,900	122,500	130,700	133,600	137,400	141,200	142,700
Inyo	18,300	18,350	18,400	18,500	18,450	18,250	18,300
Kern	569,600	589,500	598,500	609,600	616,700	624,100	634,400
Kings	105,500	108,600	111,000	112,800	114,900	115,700	117,700
Lake	52,500	53,700	54,300	54,700	55,100	54,900	55,100
Lassen	27,950	28,350	28,600	28,450	28,650	32,650	33,850
Los Angeles	9,049,700	9,200,100	9,244,700	9,312,200	9,352,200	9,396,400	9,524,600
Madera	94,100	98,300	102,600	104,900	106,400	110,300	113,500
Marin	232,900	235,900	236,900	237,700	238,900	239,500	243,300
Mariposa	14,900	15,400	15,700	15,850	15,900	15,950	15,950
Mendocino	82,100	82,800	83,400	83,800	84,300	84,800	86,000
Merced	186,200	190,300	194,100	197,600	198,500	198,400	202,000
Modoc	9,800	9,975	10,000	10,100	10,050	10,000	10,150
Mono	9,975	10,100	10,450	10,650	10,550	10,500	10,500
Monterey	364,100	371,000	371,100	361,300	361,800	360,200	377,800
Napa	112,600	114,800	116,100	116,800	117,800	119,000	121,200
Nevada	81,500	83,100	84,400	85,400	86,600	87,100	88,400
Orange	2,462,700	2,519,400	2,554,700	2,582,200	2,614,800	2,649,800	2,705,300
Placer	181,300	187,300	192,100	195,900	203,500	209,200	215,600
Plumas	19,950	20,550	20,650	20,550	20,500	20,250	20,450
Riverside	1,248,500	1,291,800	1,321,100	1,342,200	1,370,300	1,393,300	1,423,700
Sacramento	1,076,600	1,095,700	1,108,100	1,113,600	1,117,700	1,132,100	1,146,800
San Benito	37,550	38,850	40,050	40,950	42,650	44,000	46,150
San Bernardino	1,488,700	1,531,800	1,552,200	1,565,400	1,581,600	1,592,600	1,617,300
San Diego	2,560,800	2,611,500	2,625,100	2,650,700	2,669,200	2,694,900	2,763,400
San Francisco	732,300	740,500	750,800	753,100	751,500	768,200	777,400
San Joaquin	495,400	505,500	510,400	515,600	524,600	533,200	542,200
San Luis Obispo	219,700	222,200	224,500	226,300	228,400	230,700	234,700
San Mateo	659,400	670,400	676,100	681,700	689,700	698,000	711,700
Santa Barbara	377,000	382,500	382,900	386,700	391,400	393,700	400,800
Santa Clara	1,522,600	1,549,900	1,574,700	1,588,000	1,603,300	1,638,300	1,671,400
Santa Cruz	232,200	235,500	236,700	238,800	241,500	243,600	247,200
Shasta	153,500	157,000	158,600	159,800	160,900	161,700	163,300
Sierra	3,300	3,300	3,350	3,350	3,390	3,370	3,370
Siskiyou	43,750	44,000	44,400	44,650	44,650	44,000	44,300
Solano	355,700	362,900	368,200	370,300	370,500	372,400	378,600
Sonoma	397,200	405,300	411,300	414,500	419,500	424,500	432,800
Stanislaus	387,700	397,200	404,900	409,200	413,800	418,500	425,400
Sutter	67,300	69,300	71,100	72,400	73,800	74,600	76,100
Tehama	51,300	52,500	52,900	53,400	54,200	54,400	54,700
Trinity	13,050	13,200	13,250	13,450	13,400	13,350	13,250
Tulare	324,000	332,500	338,200	343,300	349,800	353,600	358,300
Tuolumne	49,950	50,700	51,700	51,900	51,500	51,600	52,200
Ventura	678,600	690,100	697,900	706,200	712,700	714,800	727,200
Yolo	144,400	146,700	147,000	148,100	150,800	152,500	154,900
Yuba	60,000	61,300	61,600	62,000	62,300	60,500	61,200

Note: Estimates are rounded independently and may not add to totals.

Source: State of California, Department of Finance, 1990-1999 Estimates of Total Population of California Counties, Report E-2, February 2000.

TABLE 1-17. LIFE EXPECTANCY AT BIRTH AND AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT AGE 65 BY SELECTED YEARS AND SEX, CALIFORNIA, 1919-1920, 1929-1931, 1939-1941, 1950, 1960, 1970, 1980, 1990-1999

YEAR	AT BIRTH		AT 65 YEARS	
	MALE	FEMALE	MALE	FEMALE
1999	76.3	81.0	17.3	20.1
1998	75.8	80.9	17.1	20.1
1997	75.5	80.7	16.9	20.0
1996	74.9	80.5	16.8	20.0
1995	74.1	80.4	16.7	19.9
1994	73.7	80.1	16.5	19.8
1993	73.5	80.1	16.5	19.8
1992	73.6	80.2	16.5	19.9
1991	73.2	79.9	16.2	19.7
1990	72.8	79.5	16.0	19.4
1980	71.0	78.1	14.7	18.8
1970	68.4	75.7	13.7	17.8
1960	67.4	74.4	13.1	16.5
1950	65.9	73.0	13.0	16.1
1939-1941	61.9	68.3	12.0	14.5
1929-1931	58.6	63.7	12.0	14.0
1919-1920	54.5	58.4	12.4	13.5

Source: Dublin, Lotka, Spiegelmen, Length of Life, Table 77 Interpolated for 45-65 Years.

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SUMMARY OF NATALITY

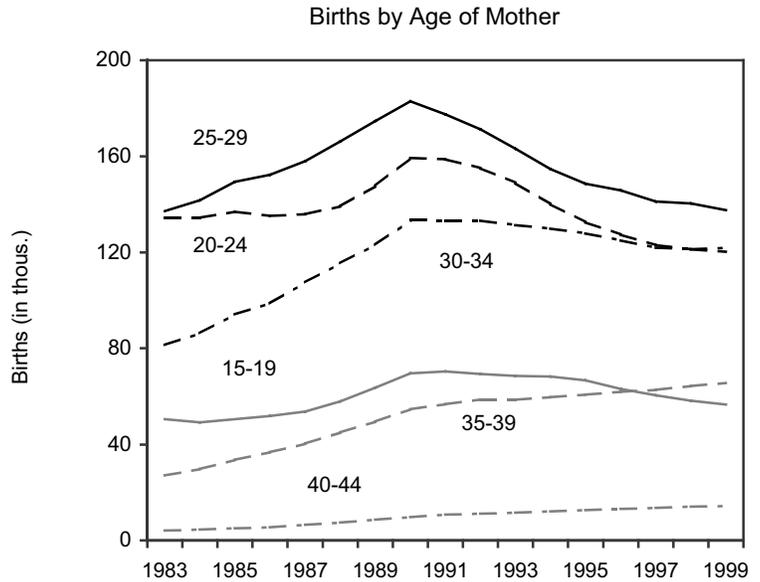
There were 518,073 babies born to California residents during 1999, a decrease of 3,192 or 0.6 percent from 1998. This was the ninth decrease in the number of births after a period of seventeen years of consecutive annual increases (Table 2-1).

Age of Mother

The number of births decreased in 1999 among mothers under fifteen and in the five-year age groups from 15-19 through 25-29. The number of births increased for mothers ages 30-34 and older age groups.

Births to mothers ages 15-19 had the largest decrease between 1998 and 1999 with -2.7 percent.

Mothers ages 45 and over and 35-39 had the largest increases with 16.3 percent and 2.1 percent respectively.



Race/Ethnicity of Mother

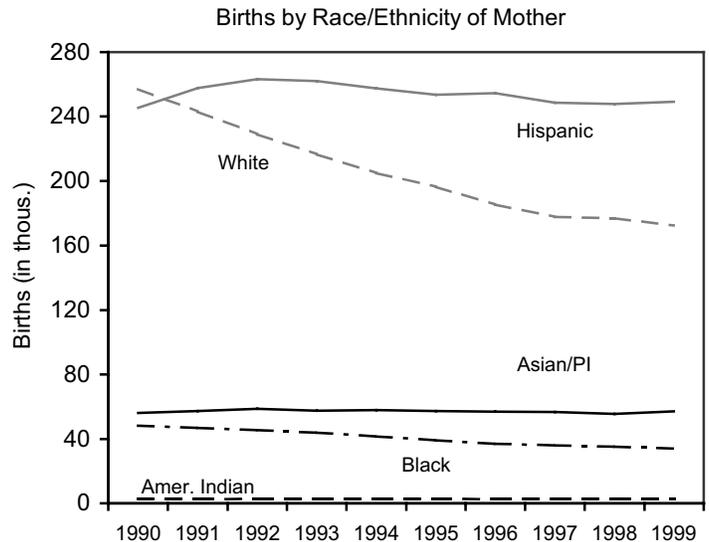
In 1999, the number of births increased for Asian/Pacific Islanders and Hispanics and decreased for American Indians, Blacks, and the White/Other race/ethnic groups (Table 2-3). There were 249,253 births to Hispanic women in 1999, an increase of 0.6 percent from the 247,796 Hispanic births in 1998 and an increase of 1.6 percent from the 245,314 Hispanic births in 1990.

The number of births to White women dropped to 172,442 in 1999, down from 176,885 in 1998 and down 32.9 percent from the 257,171 births in 1990.

The number of births to Asian/Pacific Islander women increased from 55,536 births in 1998 to 57,046 in 1999. The 1999 level was up 1.8 percent from 1990.

Births to Black women numbered 34,136 in 1999, down from 35,200 births in 1998 and down 29.1 percent from 48,137 in 1990.

There were 2,501 births to American Indian women in 1999. This compares to 2,587 births in 1998 and 2,632 in 1990.



Race of Mother

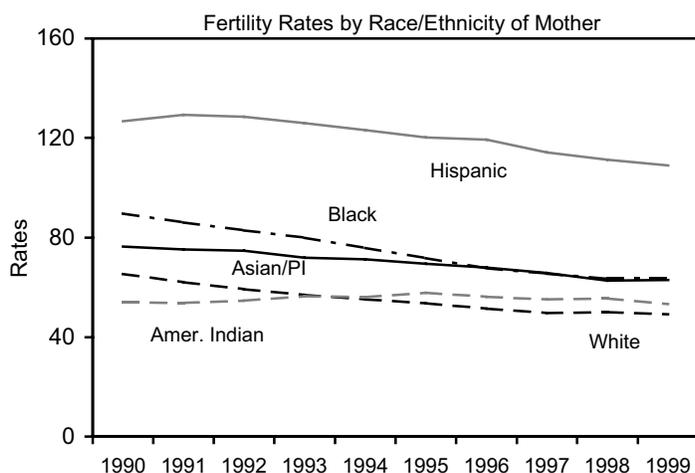
In 1999, 80.3 percent of all births were to White women, 6.8 percent to Black women, 2.9 percent to Filipino women, 2.2 percent to Chinese women, and 1.6 percent to Vietnamese women. These five race groups accounted for 93.7 percent of all births by race in 1999. The remaining births were distributed among eleven other race groups (Table 2-28).

Birth and Fertility Rates

The birth rate in California in 1999 was 15.2 live births per 1,000 population, down 2.6 percent from the 15.6 rate in 1998 and down 25.5 percent from the 20.4 rate in 1990 (Table 1-1). In 1999, the birth rates for California counties ranged from a low of 3.8 in Sierra County to a high of 19.6 in San Benito County (Table 1-2).

California's 1999 general fertility rate was 70.5 births per 1,000 women ages 15-44, down 1.0 percent from 1998 and down 16.8 percent from 1990 (Table 2-13). Among California counties with at least five births and at least 1,000 population, Modoc and Plumas Counties had the lowest fertility rates at 34.7, and San Benito County had the highest rate at 89.7 (Table 2-14).

The fertility rates were down in 1999 from 1998 for the American Indian, Hispanic and White race/ethnic groups. Asian/Pacific Islanders showed an increase between 1998 and 1999, while the Black race/ethnic group was unchanged. All groups were down in 1999 from 1990 (Table 2-13).



The fertility rate in 1999 was 108.9 births per 1,000 Hispanic women ages 15-44, down from 111.2 in 1998 and from 126.8 in 1990.

The fertility rate was 63.0 for Asian/Pacific Islander women, up from 62.7 in 1998 and down from 76.3 in 1990.

The rate of 63.5 for Black women in 1999 was unchanged from 1998 and down from 89.6 in 1990.

The fertility rate for White women in 1999 was 49.1 births per 1,000 women ages 15-44. This rate was down from 50.0 in 1998 and from 65.4 in 1990. The rate for American Indian women in 1999 was 53.2 and compares to 55.5 in 1998 and 53.9 in 1990.

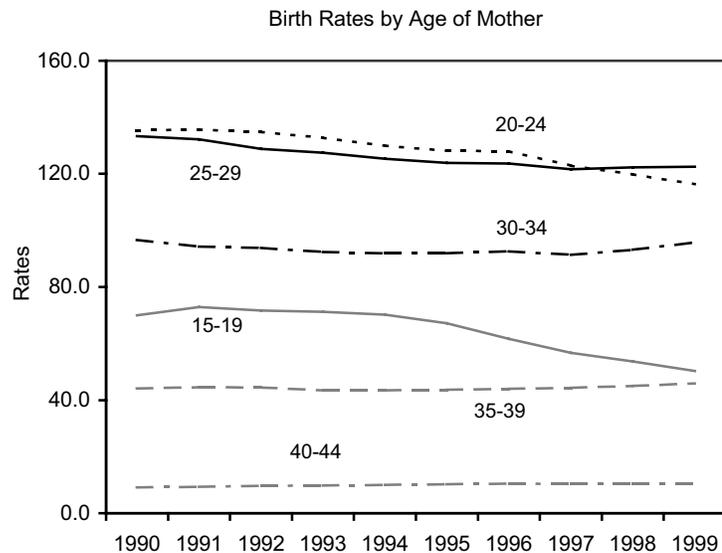
Birth Rates by Age of Mother

In 1999 California's age-specific birth rates (per 1,000 women in the age group) decreased from 1998 rates for women in age groups 15-19 and 20-24 and increased for women in age groups 25 to 39 and 45 and over. The rates for women in the age groups of under 15 and 40-44 were unchanged between 1998 and 1999 (Table 2-13).

Women ages 20-24 and 25-29 had the highest overall birth rates during the period 1990–1999, ranging from 135.4 and 133.4 births per 1,000 women in their respective age groups in 1990 to 116.3 and 122.5, respectively, in 1999.

The birth rates for women 30-34 ranged from 96.6 in 1990 to a low of 91.4 in 1997, before rising to 95.8 in 1999.

During the period 1990-1999 the birth rate for women ages 35-39 rose from 44.2 births per 1,000 women in 1990 to 46.0 in 1999. The rate for women 40-44 rose from 9.1 in 1990 to 10.5 in 1996, then turned down to 10.4 in 1999.



Teen Birth Rates

The birth rate in 1999 for women under 15 years was 0.9 births per 1,000 women ages 10-14. This was unchanged from the 1998 rate (Table 2-13). Among the 28 counties with at least 5 births and 1,000 population in this age group, the 1999 birth rate for women under 15 years ranged from 0.5 in San Mateo, Santa Barbara, Santa Clara and Ventura Counties to 1.9 in Fresno and Kings Counties (Table 2-14).

The 1999 birth rate for women 15-19 years was 50.2 births per 1,000 women ages 15-19, down from the rate of 53.6 in 1998 and 70.0 in 1990. Among the 49 counties with at least 5 births and 1,000 population in this age group, the 1999 birth rates for women 15-19 ranged from 14.7 in Marin County to 84.0 in Kings County.

Birth Rates by Age and Race/Ethnicity of Mother

Age-specific birth rates by race/ethnicity of the mother are the number of births per 1,000 women in the age-specific and race/ethnic group (Table 2-13).

Over the nine-year period from 1990-1999, the age-specific birth rates for Black and White women generally decreased for mothers under age 35 and increased for the older mothers. Age-specific birth rates for Asian/Pacific Islander and Hispanic women were down in 1999 from the 1990 levels for all age groups, with the exception of the birth rate for Hispanic women, ages 25-29, which increased.

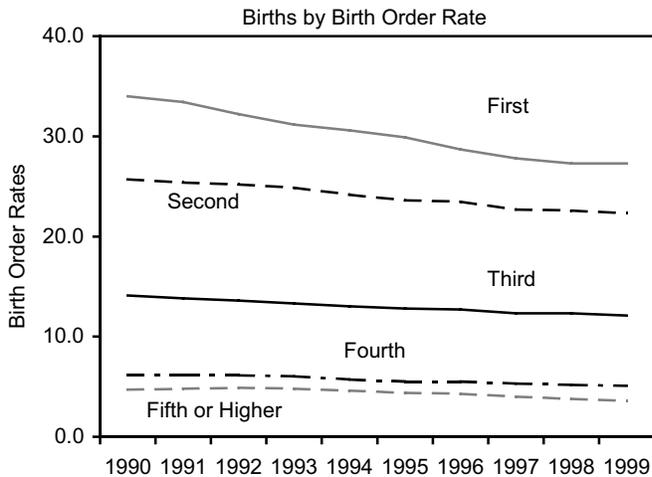
The birth rates for American Indian women decreased in 1999 over the 1990 levels for women ages under 24 and increased for women 25 to 44.

Between 1998 and 1999 the birth rates for women 15-19 dropped 10.6 percent for Whites, 6.4 percent for Blacks, 5.2 percent for Hispanics, and 4.0 percent for American Indians and Asian/Pacific Islanders.

Birth Order Rates

Birth order rates are the number of births by birth order (the number of live births delivered by this mother, including the current birth) per 1,000 women of childbearing ages, 15-44.

Between 1998 and 1999 birth order rates decreased for second through the fifth or more birth orders. The largest drop was for fifth-order or higher births (fifth birth or more) which dropped 5.3 percent from 3.8 fifth or higher births per 1,000 women ages 15-44 in 1998 to 3.6 in 1999 (Table 2-17).



Between 1990 and 1999 birth order rates declined for each birth order. Among birth order rates, the fifth-order (fifth birth or more) rates recorded the largest drop, down 23.4 percent from 4.7 in 1990 to 3.6 in 1999. First-order rates had the second largest decrease, dropping 19.7 percent.

Between 1990 and 1999 birth rates declined 13.2 percent for second births, 14.2 for third births, and 16.4 percent for fourth births.

By age group, the largest drop in first-order birth rates was recorded for women under 15 where the rate dropped 39.6 percent from 1.39 first births per 1,000 women in this age group in 1990 to 0.84 in 1999 (Table 2-16).

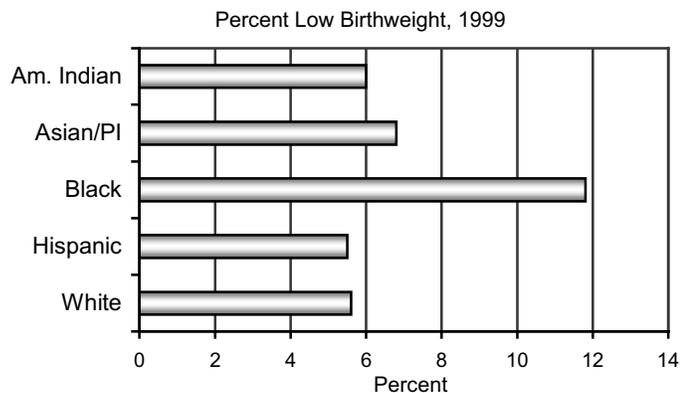
By race/ethnic group, Black and White women had the largest drop in first-order birth rates between 1990 and 1999, down 29.4 and 27.4 percent, respectively (Table 2-18).

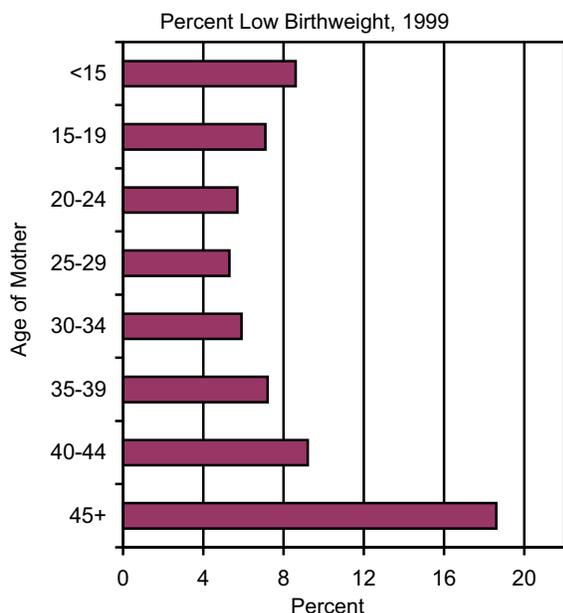
Low Birthweight

In 1999 there were 31,686 low birthweight (less than 2500 grams or 5.5 pounds) births in California, 6.1 percent of all births. This percent was down from 6.2 in 1998 (Tables 2-11).

Black women had the highest percent of low birthweight births in 1999, 11.8 percent. Asian/Pacific Islander women were next with 6.8 percent.

American Indian women had 6.0 percent low birthweight births, while Hispanic and White women had 5.5 and 5.6 percent, respectively.





The lowest percentage of low birthweight births occurred with women ages 25-29, 5.3 percent (Table 2-46).

The highest percentage of low birthweight births occurred with women ages 40 and over. Over nine percent (9.2) of births to women ages 40-44 were low birthweight, and 18.6 percent of births to women ages 45 and over were in this category.

The remaining age groups recorded the following percentages of low birthweight births: 8.6 percent for women under 15 years of age, 7.1 percent for 15-19 year olds, and 5.7, 5.9, and 7.2 percent for women ages 20-24, 30-34, and 35-39, respectively.

Premature Births

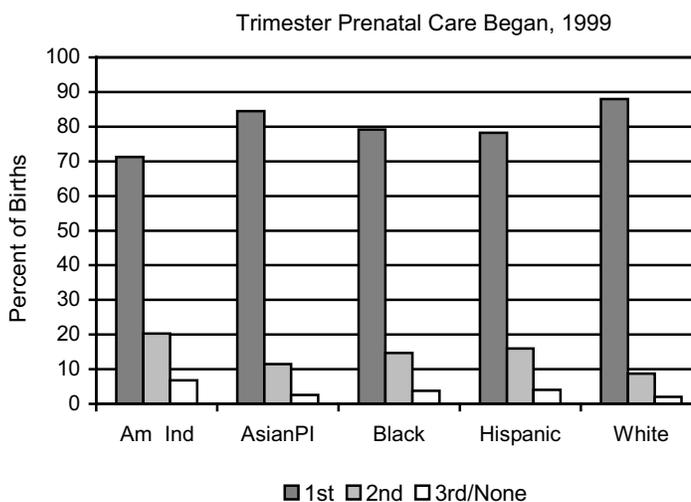
In 1999 there were 51,807 premature births (less than 37 weeks of gestation), 10.0 percent of all births (Table 2-37). Of these premature births, 18,802 or 36.3 percent were low birthweight (Table 2-48). In 1998, 10.1 percent of all births were premature, of which 36.8 percent were low birthweight and in 1990, 9.7 percent of births were premature, of which 33.8 percent were low birthweight.

Prenatal Care

In 1999, 82.2 percent of women began prenatal care in the first trimester of pregnancy. The percentages of women who began prenatal care in the second and third trimesters were 13.0 and 2.5 percent, respectively. Women received no prenatal care for 3,361 births, 0.6 percent of all births (Table 2-50). Of these births with no prenatal care, 17.7 percent were low birthweight babies (Table 2-53).

By age group, first trimester prenatal care ranged from 52.9 percent for women under 15 years to 87.3 percent for women in their thirties (Table 2-51).

By race/ethnic groups, first trimester prenatal care ranged from 71.3 percent for American Indian women to 88.0 percent for White women.



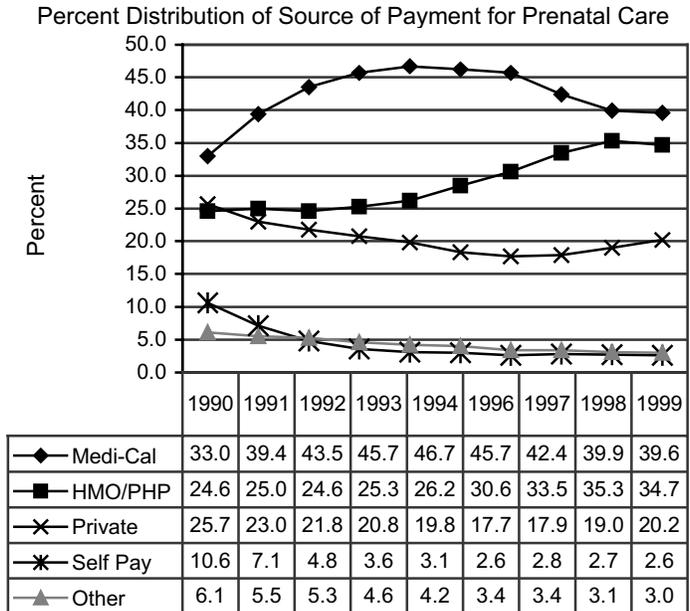
Principal Source of Payment for Prenatal Care

Medi-Cal was the principal source of payment for prenatal care for 39.6 percent of live births in 1999, down 0.8 percent from 39.9 percent of births in 1998, but up 20.0 percent from 33 percent of births in 1990 (Table 2-55).

In 1999, HMO/PHP (Health Maintenance Organizations and Prepaid Health Plans) paid for 34.7 percent of births, down from 35.3 percent of births in 1998 and up from the 24.6 percent share in 1990.

Blue Cross/Blue Shield and other private insurance paid for 20.2 percent of births, up from 19.0 percent of births in 1998 and down from the 25.7 percent share in 1990.

Self-Pay was the source of payment for prenatal care for 2.6 percent of births in 1999, down from 2.7 percent in 1998 and down from 10.6 percent in 1990.



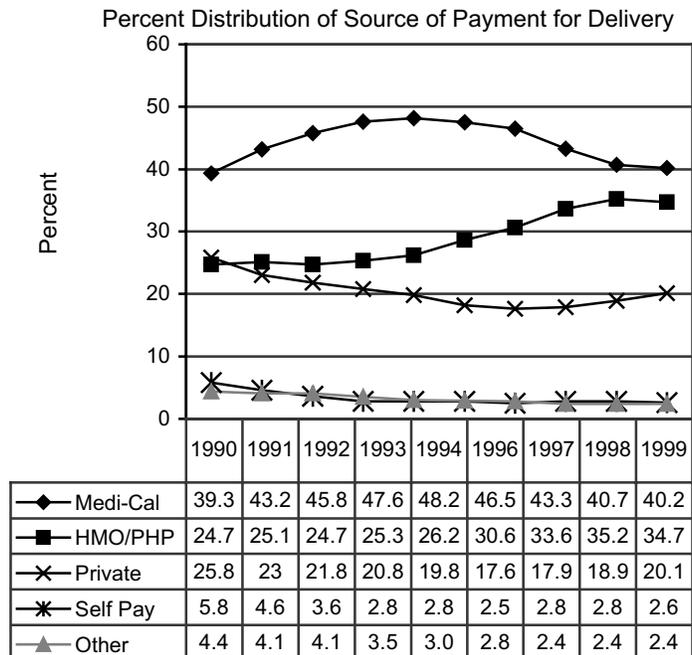
Expected Principal Source of Payment for Delivery

Medi-Cal was the expected principal source of payment for delivery of 40.2 percent of live births in 1999, down 1.2 percent from 40.7 percent of births in 1998, but up 2.3 percent from 39.3 percent of births in 1990 (Table 2-58).

In 1999, HMO/PHP (Health Maintenance Organizations and Prepaid Health Plans) paid for delivery of 34.7 percent of births, down from 35.2 percent of deliveries in 1998 and up from the 24.7 percent share of deliveries in 1990.

Blue Cross/Blue Shield and other private insurance paid for delivery of 20.1 percent of births in 1999, up from 18.9 percent in 1998 and down from 25.8 percent of births in 1990.

Self-Pay was the expected source of payment for delivery of 2.6 percent of births, down from 2.8 percent in 1998 and down from 5.8 percent of births in 1990.



Cesarean Sections

In 1999 the 117,568 Cesarean sections accounted for 22.7 percent of all births, up slightly from 21.7 percent in 1998. In the 56 counties with at least five Cesarean sections, the percentage of these births ranged from 14.4 percent in Trinity County to 32.8 percent in Plumas County (Table 2-35 and Table 2-11).

Multiple Births

In 1999 there were 504,027 single live births, 97.3 percent of all births to California residents. There were 13,400 twin births, 2.6 percent of all births, and there were 589 triplet births, 0.1 percent. The percentage distribution of single births was unchanged from 1998. The percentages of multiple births were also unchanged (Table 2-60).

Teenage Parents

In 1999 there were 57,615 births to women under the age of 20 (Tables 2-1 and 2-2). This was 11.1 percent of all births in 1999 and compared to 11.4 percent of births in 1998. Among 56 counties with at least 100 births, the percentage of mothers under 20 years of age ranged from 3.5 percent in Marin County to 21.1 percent in Del Norte County (Table 2-29).

In 1999 there were 21,009 births to fathers under the age of 20 (Table 2-24). This was 4.1 percent of all births in 1999 and compared to 4.2 percent in 1998. Among 54 counties with at least 100 births, the percent of fathers under 20 years of age ranged from 0.7 percent in Marin County to 11.1 percent in Trinity County.

Education of Parents

There were 45,742 births to mothers with one to six years of education, 8.8 percent of all births in 1999, down from 9.0 percent in 1998. There were 44,366 births to fathers with one to six years of education, 8.6 percent of all births, down from 8.7 percent in 1998. There were 2,248 births (0.4 percent) to mothers with no completed years of education and 2,460 births (0.5 percent) to fathers with no completed years of education. The education of the mothers of 7,739 births (1.5 percent) was not reported and the education of the fathers of 46,590 births (9.0 percent) was not reported (Tables 2-38 and 2-39).

In 1999, 68.6 percent of mothers and 66.0 percent of fathers had completed 12 or more years of education. In 1998, 67.8 percent of mothers and 65.4 percent of fathers had completed 12 or more years of education.

Among the 54 counties with at least 100 births in 1999, the percent of births to mothers completing 12 or more years of education ranged from 53.0 percent in Madera County to 89.2 percent in Placer County. The percent of fathers completing 12 years or more of education ranged from 47.7 percent in Tulare County to 86.9 percent in Nevada County (Table 2-29).

Marital Status

Note: Beginning with the 1997 data year, marital status is no longer estimated using the inferred method, but is obtained by the direct questioning of mothers. See Chapter 6 for information concerning this change in methodology.

In 1999, 32.8 percent of all live births were to unmarried women. Among the 54 counties with at least 100 births, the percentages of births to unmarried women ranged from 6.3 percent in Lassen County to 47.0 percent in Lake County (Table 2-29).

By age of mother, 96.2 percent of births to women under age 15 were non-marital, as were 76.2 percent of births to women 15-19, and 47.1 percent to women ages 20-24. Women ages 35-39 and 45 and over had the lowest percent of non-marital births, 16.4 and 15.3 percent, respectively (Table 2-6).

Among race/ethnic groups, the lowest percentage of non-marital births was for Asian/Pacific Islander mothers at 14.0 percent. Among other race/ethnic groups, 20.8 percent of births to women of White/Other Races in 1999 were non-marital, while 41.3 percent, 54.7 percent, and 62.7 percent of births to Hispanic, American Indian, and Black women, respectively, were non-marital.

Baby Names:

The most popular baby names in California in 1999 were (Table 2-61):

<u>Males</u>	<u>Percent</u>	<u>Females</u>	<u>Percent</u>
Daniel	1.6	Emily	1.1
Jose	1.4	Samantha	1.1
Anthony	1.4	Jennifer	1.1
Michael	1.4	Ashley	1.0
Andrew	1.3	Jessica	1.0

TABLE 2-1
LIVE BIRTHS BY AGE OF MOTHER
CALIFORNIA, 1960-1999
(By Place of Residence)

YEAR	TOTAL	BIRTHS BY AGE OF MOTHER								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
1999	518,073	1,038	56,577	120,270	137,637	121,779	65,532	14,272	904	64
1998	521,265	1,066	58,141	121,317	140,369	121,326	64,210	14,010	777	49
1997	524,174	1,256	59,851	122,924	141,195	121,938	62,674	13,506	766	64
1996	538,628	1,485	63,118	127,431	145,795	125,030	61,836	13,158	685	90
1995	551,226	1,640	66,644	132,607	148,585	127,853	60,577	12,573	679	68
1994	567,034	1,687	68,198	140,172	154,705	129,926	59,550	12,054	668	74
1993	584,483	1,572	68,519	149,047	163,262	131,438	58,505	11,458	572	110
1992	600,838	1,595	69,272	155,065	171,278	133,205	58,660	11,077	535	151
1991	609,228	1,469	70,322	158,779	177,516	133,192	56,654	10,653	472	171
1990	611,666	1,390	69,560	159,405	182,923	133,423	54,471	9,748	447	299
1989	569,308	1,332	63,603	147,737	174,700	123,080	49,370	8,588	339	559
1988	532,708	1,088	57,806	139,238	166,288	115,515	44,864	7,434	330	145
1987	503,376	983	53,586	135,924	158,120	107,459	40,294	6,527	323	160
1986	481,905	901	51,817	135,304	152,386	98,756	36,822	5,410	296	213
1985	470,816	890	50,365	136,985	149,523	94,067	33,578	4,953	240	215
1984	447,394	927	49,130	134,540	141,813	86,243	29,728	4,530	256	227
1983	435,722	853	50,391	134,387	137,197	81,288	27,110	4,103	215	178
1982	429,631	851	53,170	136,388	134,830	76,090	24,205	3,734	220	143
1981	420,418	876	55,004	137,056	129,334	73,234	20,977	3,587	191	159
1980	402,720	765	54,756	133,504	122,979	67,815	19,276	3,226	164	235
1979	379,187	806	53,925	126,554	115,190	61,916	17,430	3,008	179	179
1978	356,156	794	52,774	120,378	108,141	55,614	15,430	2,715	137	173
1977	347,576	868	52,957	119,103	106,147	51,249	14,297	2,749	151	55
1976	332,105	846	52,854	113,994	102,354	45,552	13,677	2,597	180	51
1975	317,318	869	52,528	109,563	97,025	41,771	12,592	2,756	174	40
1974	311,668	824	51,929	109,149	94,075	40,249	12,567	2,672	158	45
1973	297,834	740	50,907	105,361	88,232	37,383	12,147	2,831	196	37
1972	306,375	820	52,329	110,639	88,679	37,600	12,876	3,214	178	40
1971	329,826	750	53,715	125,177	91,849	39,460	14,741	3,866	222	46
1970	362,652	744	61,013	137,283	99,022	43,005	16,916	4,369	254	46
1969	352,937	681	58,753	133,409	95,621	41,847	17,569	4,731	282	44
1968	339,221	674	57,722	128,586	88,215	40,450	18,134	5,093	310	37
1967	336,584	635	58,608	126,597	83,140	41,664	19,841	5,729	335	35
1966	337,623	572	59,517	122,823	83,010	43,441	21,702	6,194	341	23
1965	355,074	531	57,700	128,304	88,199	48,446	24,529	6,965	369	31
1964	374,587	525	57,248	137,151	93,823	52,256	26,171	7,056	326	31
1963	380,505	509	57,068	139,040	95,284	53,837	27,281	7,121	328	37
1962	378,347	536	57,631	134,639	94,653	54,619	28,689	7,238	322	20
1961	381,198	487	57,040	132,238	96,532	57,559	29,771	7,204	341	26
1960	371,799	443	54,010	128,313	94,704	57,569	29,540	6,865	338	17

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-2
PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY AGE OF MOTHER
CALIFORNIA, 1960, 1965, 1970, 1975, 1980, 1985, 1990-1999
(By Place of Residence)

YEAR	TOTAL	PERCENTAGE BY AGE OF MOTHER								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
1999	100.0	0.2	10.9	23.2	26.6	23.5	12.6	2.8	0.17	0.01
1998	100.0	0.2	11.2	23.3	26.9	23.3	12.3	2.7	0.15	0.01
1997	100.0	0.2	11.4	23.5	26.9	23.3	12.0	2.6	0.15	0.01
1996	100.0	0.3	11.7	23.7	27.1	23.2	11.5	2.4	0.13	0.02
1995	100.0	0.3	12.1	24.1	27.0	23.2	11.0	2.3	0.12	0.01
1994	100.0	0.3	12.0	24.7	27.3	22.9	10.5	2.1	0.12	0.01
1993	100.0	0.3	11.7	25.5	27.9	22.5	10.0	2.0	0.10	0.02
1992	100.0	0.3	11.5	25.8	28.5	22.2	9.8	1.8	0.09	0.03
1991	100.0	0.2	11.5	26.1	29.1	21.9	9.3	1.7	0.08	0.03
1990	100.0	0.2	11.4	26.1	29.9	21.8	8.9	1.6	0.07	0.05
1985	100.0	0.2	10.7	29.1	31.8	20.0	7.1	1.1	0.06	0.05
1980	100.0	0.2	13.6	33.2	30.5	16.8	4.8	0.8	0.04	0.06
1975	100.0	0.3	16.6	34.5	30.6	13.2	4.0	0.9	0.05	0.01
1970	100.0	0.2	16.8	37.9	27.3	11.9	4.7	1.2	0.07	0.01
1965	100.0	0.1	16.3	36.1	24.8	13.6	6.9	2.0	0.10	0.01
1960	100.0	0.1	14.5	34.5	25.5	15.5	7.9	1.8	0.09	0.005

NOTE: Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-3
LIVE BIRTHS BY AGE AND RACE/ETHNICITY¹ OF MOTHER
CALIFORNIA, 1990-1999
(By Place of Residence)

YEAR	TOTAL	AGE OF MOTHER								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
TOTAL										
1999	518,073	1,038	56,577	120,270	137,637	121,779	65,532	14,272	904	64
1998	521,265	1,066	58,141	121,317	140,369	121,326	64,210	14,010	777	49
1997	524,174	1,256	59,851	122,924	141,195	121,938	62,674	13,506	766	64
1996	538,628	1,485	63,118	127,431	145,795	125,030	61,836	13,158	685	90
1995	551,226	1,640	66,644	132,607	148,585	127,853	60,577	12,573	679	68
1994	567,034	1,687	68,198	140,172	154,705	129,926	59,550	12,054	668	74
1993	584,483	1,572	68,519	149,047	163,262	131,438	58,505	11,458	572	110
1992	600,838	1,595	69,272	155,065	171,278	133,205	58,660	11,077	535	151
1991	609,228	1,469	70,322	158,779	177,516	133,192	56,654	10,653	472	171
1990	611,666	1,390	69,560	159,405	182,923	133,423	54,471	9,748	447	299
AMERICAN INDIAN										
1999	2,501	5	462	790	602	395	200	42	5	-
1998	2,587	9	472	799	628	418	215	43	3	-
1997	2,582	10	501	741	636	419	231	44	-	-
1996	2,642	12	469	765	671	453	215	55	2	-
1995	2,735	12	536	783	672	503	186	40	2	1
1994	2,694	13	533	802	665	433	209	39	-	-
1993	2,747	8	509	832	700	484	173	39	2	-
1992	2,681	11	466	850	680	467	177	28	1	1
1991	2,643	3	477	807	711	441	170	33	1	-
1990	2,632	9	486	863	723	375	153	20	1	2
ASIAN/PACIFIC ISLANDER										
1999	57,046	43	2,634	7,371	16,449	18,291	9,982	2,128	146	2
1998	55,536	49	2,613	7,441	16,227	17,570	9,372	2,120	142	2
1997	56,634	66	2,713	7,892	16,602	17,733	9,375	2,085	164	4
1996	56,942	94	2,776	8,398	16,327	17,982	9,056	2,168	138	3
1995	57,238	116	2,996	8,846	16,254	17,684	9,036	2,138	159	9
1994	57,810	114	3,037	9,071	16,648	17,676	9,019	2,048	190	7
1993	57,438	107	3,054	9,389	16,766	17,414	8,663	1,889	148	8
1992	58,539	117	3,091	9,804	17,441	17,359	8,709	1,843	152	23
1991	57,217	121	3,068	9,544	17,199	16,986	8,312	1,800	170	17
1990	56,055	87	3,020	9,177	17,175	17,020	7,874	1,532	145	25
BLACK										
1999	34,136	119	5,388	9,902	8,072	6,353	3,506	759	28	9
1998	35,200	134	5,816	9,722	8,413	6,803	3,541	743	21	7
1997	35,957	177	6,293	9,748	8,585	6,929	3,468	720	32	5
1996	37,029	197	6,557	9,788	9,085	7,177	3,521	666	24	14
1995	39,166	264	7,152	10,598	9,566	7,402	3,518	622	17	7
1994	41,481	248	7,414	11,604	10,322	7,823	3,464	580	21	5
1993	43,861	254	7,659	12,414	11,367	8,155	3,440	549	11	12
1992	45,514	290	7,742	13,200	12,018	8,380	3,355	507	11	11
1991	46,780	237	8,022	13,900	12,740	8,307	3,044	498	16	16
1990	48,137	273	8,484	14,217	13,313	8,444	2,921	462	11	12
HISPANIC										
1999	249,253	733	36,685	71,544	68,067	46,461	21,011	4,505	215	32
1998	247,796	758	36,945	72,308	68,022	45,050	20,124	4,383	186	20
1997	248,795	856	37,769	73,507	67,848	44,670	19,663	4,270	173	39
1996	254,672	1,005	39,535	75,775	69,552	44,942	19,531	4,112	170	50
1995	253,726	1,094	40,945	76,097	68,783	44,058	18,613	3,942	170	24
1994	257,463	1,088	41,503	78,871	70,012	43,903	18,154	3,731	173	28
1993	262,065	1,013	41,186	82,335	72,314	43,633	17,828	3,546	161	49
1992	263,339	963	41,092	83,654	72,915	43,084	17,850	3,568	162	51
1991	257,827	884	40,485	83,091	71,392	41,624	16,746	3,387	141	77
1990	245,314	800	37,839	79,294	68,640	39,830	15,577	3,069	134	131
WHITE/OTHER RACES										
1999	172,442	131	11,206	30,219	43,858	49,524	30,302	6,698	488	16
1998	176,885	112	12,049	30,493	46,361	50,577	30,321	6,552	409	11
1997	177,760	140	12,400	30,651	46,996	51,516	29,422	6,242	381	12
1996	185,513	176	13,643	32,421	49,750	53,948	29,144	6,067	345	19
1995	196,512	153	14,844	35,907	52,849	57,735	28,924	5,756	328	16
1994	205,124	214	15,423	39,285	56,444	59,483	28,371	5,594	279	31
1993	216,658	186	15,957	43,706	61,685	61,331	28,150	5,375	239	29
1992	229,145	208	16,759	47,257	67,762	63,493	28,317	5,088	208	53
1991	243,126	222	18,149	51,136	75,011	65,379	28,156	4,886	144	43
1990	257,171	216	19,580	55,432	82,361	67,078	27,650	4,590	152	112
UNKNOWN										
1999	2,695	7	202	444	589	755	531	140	22	5
1998	3,261	4	246	554	718	908	637	169	16	9
1997	2,446	7	175	385	528	671	515	145	16	4
1996	1,830	1	138	284	410	528	369	90	6	4
1995	1,849	1	171	376	441	471	300	75	3	11
1994	2,462	10	288	539	614	608	333	62	5	3
1993	1,714	4	154	371	430	421	251	60	11	12
1992	1,620	6	122	300	462	422	252	43	1	12
1991	1,635	2	121	301	463	455	226	49	-	18
1990	2,357	5	151	422	711	676	296	75	4	17

- Represents zero events.

1 American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-4
LIVE BIRTHS TO UNMARRIED WOMEN ¹
BY RACE/ETHNICITY ² AND AGE OF MOTHER
CALIFORNIA, 1990-1999
(By Place of Residence)

YEAR	TOTAL LIVE BIRTHS	AGE OF MOTHER								NOT STATED
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	
TOTAL										
1999	170,134	999	43,091	56,588	35,441	20,492	10,723	2,638	138	24
1998	170,607	1,023	44,228	56,194	35,467	20,476	10,505	2,582	103	29
1997	167,376	1,157	44,058	54,422	34,567	20,419	10,150	2,451	122	30
1996	168,939	1,124	39,363	52,643	36,965	23,647	12,156	2,880	133	28
1995	176,752	1,250	42,537	55,269	37,906	24,778	12,078	2,750	151	31
1994	201,756	1,414	47,755	64,610	44,217	27,679	13,040	2,881	133	27
1993	205,345	1,308	47,630	67,321	45,485	27,709	13,005	2,735	115	37
1992	205,329	1,328	47,500	67,404	45,852	27,708	12,738	2,644	111	44
1991	203,055	1,234	47,607	67,190	45,764	26,921	11,703	2,481	90	65
1990	192,289	1,171	45,639	63,543	43,535	25,306	10,713	2,188	91	103
AMERICAN INDIAN										
1999	1,367	5	387	473	271	137	73	20	1	-
1998	1,462	9	400	489	293	176	75	19	1	-
1997	1,400	8	391	432	284	170	95	20	-	-
1996	1,306	9	331	400	275	183	83	24	1	-
1995	1,338	8	356	399	291	188	77	19	-	-
1994	1,390	12	388	437	286	170	85	12	-	-
1993	1,359	7	375	434	280	186	58	18	1	-
1992	1,311	9	344	445	293	156	54	10	-	-
1991	1,332	3	368	433	306	151	62	8	1	-
1990	1,299	9	357	441	281	138	60	13	-	-
ASIAN/PACIFIC ISLANDER										
1999	7,960	38	1,868	2,506	1,735	1,046	597	156	13	1
1998	7,745	46	1,818	2,407	1,703	1,021	559	176	15	-
1997	7,834	61	1,878	2,432	1,713	1,022	535	178	15	-
1996	6,982	32	1,176	1,953	1,640	1,268	717	182	13	1
1995	7,320	46	1,346	2,106	1,695	1,188	744	176	16	3
1994	7,338	45	1,351	2,127	1,614	1,252	728	213	8	-
1993	7,583	45	1,396	2,238	1,690	1,263	763	177	11	-
1992	7,576	41	1,446	2,289	1,595	1,265	743	189	7	1
1991	6,940	62	1,398	2,062	1,437	1,111	685	171	12	2
1990	6,453	39	1,367	1,872	1,335	1,097	598	134	9	2
BLACK										
1999	21,405	118	4,910	7,435	4,386	2,760	1,442	338	10	6
1998	21,923	130	5,300	7,266	4,588	2,900	1,417	311	6	5
1997	21,995	164	5,579	7,037	4,568	2,915	1,403	315	11	3
1996	22,453	172	5,402	6,966	4,962	3,128	1,512	298	8	5
1995	24,202	226	5,906	7,501	5,221	3,441	1,614	282	6	5
1994	26,190	211	6,362	8,267	5,792	3,691	1,604	254	5	4
1993	27,493	227	6,550	8,749	6,156	3,891	1,663	250	4	3
1992	28,557	260	6,711	9,204	6,453	4,053	1,613	255	4	4
1991	29,655	217	6,993	9,797	6,917	4,055	1,429	228	10	9
1990	29,977	255	7,381	9,757	7,040	4,028	1,314	191	7	4
HISPANIC										
1999	102,933	702	27,500	34,482	21,748	11,715	5,468	1,243	63	12
1998	100,814	724	27,621	33,947	21,006	11,162	5,067	1,237	38	12
1997	98,455	787	27,150	32,934	20,179	11,084	5,065	1,185	52	19
1996	95,787	761	23,749	31,645	21,321	11,813	5,274	1,174	41	9
1995	98,411	832	25,281	32,440	21,377	12,137	5,157	1,133	47	7
1994	118,397	946	29,299	39,611	26,449	14,627	6,107	1,304	47	7
1993	120,067	859	28,823	40,914	27,368	14,578	6,194	1,267	46	18
1992	118,115	831	28,204	40,140	27,138	14,378	6,097	1,246	65	16
1991	112,244	748	27,171	38,585	25,720	13,349	5,418	1,182	43	28
1990	100,557	679	24,450	34,652	22,932	12,050	4,718	983	45	48
WHITE/OTHER RACES										
1999	35,862	129	8,276	11,507	7,195	4,760	3,082	859	50	4
1998	37,839	110	8,904	11,816	7,728	5,091	3,318	824	42	6
1997	37,078	131	8,922	11,398	7,701	5,147	2,994	734	44	7
1996	41,909	150	8,632	11,562	8,661	7,156	4,494	1,176	68	10
1995	44,977	138	9,551	12,691	9,219	7,746	4,419	1,126	81	6
1994	47,547	191	10,139	13,924	9,906	7,775	4,447	1,080	72	13
1993	48,318	166	10,385	14,833	9,884	7,705	4,273	1,014	51	7
1992	49,311	182	10,705	15,193	10,275	7,786	4,186	934	35	15
1991	52,462	203	11,601	16,201	11,296	8,177	4,066	880	24	14
1990	53,497	185	12,001	16,686	11,844	7,896	3,965	851	30	39
UNKNOWN										
1999	607	7	150	185	106	74	61	22	1	1
1998	824	4	185	269	149	126	69	15	1	6
1997	614	6	138	189	122	81	58	19	-	1
1996	502	-	73	117	106	99	76	26	2	3
1995	504	-	97	132	105	78	67	14	1	10
1994	894	9	216	244	170	164	69	18	1	3
1993	525	4	101	153	107	86	54	9	2	9
1992	459	5	90	133	98	70	45	10	-	8
1991	422	1	76	112	88	78	43	12	-	12
1990	506	4	83	135	103	97	58	16	-	10

- Represents zero events.

¹ Unmarried status in 1990-1996 was estimated using an inferred method. Starting with 1997, unmarried status is no longer estimated. See Chapter 6.

² American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic is any race category. Unknown includes Not Stated.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-5. PERCENTAGE DISTRIBUTION OF LIVE BIRTHS TO UNMARRIED WOMEN ¹, BY RACE/ETHNICITY² AND AGE OF MOTHER
CALIFORNIA, 1990-1999 (By Place of Residence)

YEAR	TOTAL LIVE BIRTHS	AGE OF MOTHER								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
TOTAL										
1999	100.0	0.6	25.3	33.3	20.8	12.0	6.3	1.6	0.08	0.01
1998	100.0	0.6	25.9	32.9	20.8	12.0	6.2	1.5	0.06	0.02
1997	100.0	0.7	26.3	32.5	20.7	12.2	6.1	1.5	0.07	0.02
1996	100.0	0.7	23.3	31.2	21.9	14.0	7.2	1.7	0.08	0.02
1995	100.0	0.7	24.1	31.3	21.4	14.0	6.8	1.6	0.09	0.02
1994	100.0	0.7	23.7	32.0	21.9	13.7	6.5	1.4	0.07	0.01
1993	100.0	0.6	23.2	32.8	22.2	13.5	6.3	1.3	0.06	0.02
1992	100.0	0.6	23.1	32.8	22.3	13.5	6.2	1.3	0.05	0.02
1991	100.0	0.6	23.4	33.1	22.5	13.3	5.8	1.2	0.04	0.03
1990	100.0	0.6	23.7	33.0	22.6	13.2	5.6	1.1	0.05	0.05
AMERICAN INDIAN										
1999	100.0	0.4	28.3	34.6	19.8	10.0	5.3	1.5	0.07	-
1998	100.0	0.6	27.4	33.4	20.0	12.0	5.1	1.3	0.07	-
1997	100.0	0.6	27.9	30.9	20.3	12.1	6.8	1.4	-	-
1996	100.0	0.7	25.3	30.6	21.1	14.0	6.4	1.8	0.08	-
1995	100.0	0.6	26.6	29.8	21.7	14.1	5.8	1.4	-	-
1994	100.0	0.9	27.9	31.4	20.6	12.2	6.1	0.9	-	-
1993	100.0	0.5	27.6	31.9	20.6	13.7	4.3	1.3	0.07	-
1992	100.0	0.7	26.2	33.9	22.3	11.9	4.1	0.8	-	-
1991	100.0	0.2	27.6	32.5	23.0	11.3	4.7	0.6	0.08	-
1990	100.0	0.7	27.5	33.9	21.6	10.6	4.6	1.0	-	-
ASIAN/PACIFIC ISLANDER										
1999	100.0	0.5	23.5	31.5	21.8	13.1	7.5	2.0	0.16	0.01
1998	100.0	0.6	23.5	31.1	22.0	13.2	7.2	2.3	0.19	-
1997	100.0	0.8	24.0	31.0	21.9	13.0	6.8	2.3	0.19	-
1996	100.0	0.5	16.8	28.0	23.5	18.2	10.3	2.6	0.19	0.01
1995	100.0	0.6	18.4	28.8	23.2	16.2	10.2	2.4	0.22	0.04
1994	100.0	0.6	18.4	29.0	22.0	17.1	9.9	2.9	0.11	-
1993	100.0	0.6	18.4	29.5	22.3	16.7	10.1	2.3	0.15	-
1992	100.0	0.5	19.1	30.2	21.1	16.7	9.8	2.5	0.09	0.01
1991	100.0	0.9	20.1	29.7	20.7	16.0	9.9	2.5	0.17	0.03
1990	100.0	0.6	21.2	29.0	20.7	17.0	9.3	2.1	0.14	0.03
BLACK										
1999	100.0	0.6	22.9	34.7	20.5	12.9	6.7	1.6	0.05	0.03
1998	100.0	0.6	24.2	33.1	20.9	13.2	6.5	1.4	0.03	0.02
1997	100.0	0.7	25.4	32.0	20.8	13.3	6.4	1.4	0.05	0.01
1996	100.0	0.8	24.1	31.0	22.1	13.9	6.7	1.3	0.04	0.02
1995	100.0	0.9	24.4	31.0	21.6	14.2	6.7	1.2	0.02	0.02
1994	100.0	0.8	24.3	31.6	22.1	14.1	6.1	1.0	0.02	0.02
1993	100.0	0.8	23.8	31.8	22.4	14.2	6.0	0.9	0.01	0.01
1992	100.0	0.9	23.5	32.2	22.6	14.2	5.6	0.9	0.01	0.01
1991	100.0	0.7	23.6	33.0	23.3	13.7	4.8	0.8	0.03	0.03
1990	100.0	0.9	24.6	32.5	23.5	13.4	4.4	0.6	0.02	0.01
HISPANIC										
1999	100.0	0.7	26.7	33.5	21.1	11.4	5.3	1.2	0.06	0.01
1998	100.0	0.7	27.4	33.7	20.8	11.1	5.0	1.2	0.04	0.01
1997	100.0	0.8	27.6	33.5	20.5	11.3	5.1	1.2	0.05	0.02
1996	100.0	0.8	24.8	33.0	22.3	12.3	5.5	1.2	0.04	0.01
1995	100.0	0.8	25.7	33.0	21.7	12.3	5.2	1.2	0.05	0.01
1994	100.0	0.8	24.7	33.5	22.3	12.4	5.2	1.1	0.04	0.01
1993	100.0	0.7	24.0	34.1	22.8	12.1	5.2	1.1	0.04	0.01
1992	100.0	0.7	23.9	34.0	23.0	12.2	5.2	1.1	0.06	0.01
1991	100.0	0.7	24.2	34.4	22.9	11.9	4.8	1.1	0.04	0.02
1990	100.0	0.7	24.3	34.5	22.8	12.0	4.7	1.0	0.04	0.05
WHITE/OTHER RACES										
1999	100.0	0.4	23.1	32.1	20.1	13.3	8.6	2.4	0.14	0.01
1998	100.0	0.3	23.5	31.2	20.4	13.5	8.8	2.2	0.11	0.02
1997	100.0	0.4	24.1	30.7	20.8	13.9	8.1	2.0	0.12	0.02
1996	100.0	0.4	20.6	27.6	20.7	17.1	10.7	2.8	0.16	0.02
1995	100.0	0.3	21.2	28.2	20.5	17.2	9.8	2.5	0.18	0.01
1994	100.0	0.4	21.3	29.3	20.8	16.4	9.4	2.3	0.15	0.03
1993	100.0	0.3	21.5	30.7	20.5	15.9	8.8	2.1	0.11	0.01
1992	100.0	0.4	21.7	30.8	20.8	15.8	8.5	1.9	0.07	0.03
1991	100.0	0.4	22.1	30.9	21.5	15.6	7.8	1.7	0.05	0.03
1990	100.0	0.3	22.4	31.2	22.1	14.8	7.4	1.6	0.06	0.07
UNKNOWN										
1999	100.0	1.2	24.7	30.5	17.5	12.2	10.0	3.6	0.16	0.16
1998	100.0	0.5	22.5	32.6	18.1	15.3	8.4	1.8	0.12	0.73
1997	100.0	1.0	22.5	30.8	19.9	13.2	9.4	3.1	-	0.16
1996	100.0	-	14.5	23.3	21.1	19.7	15.1	5.2	0.40	0.60
1995	100.0	-	19.2	26.2	20.8	15.5	13.3	2.8	0.20	1.98
1994	100.0	1.0	24.2	27.3	19.0	18.3	7.7	2.0	0.11	0.34
1993	100.0	0.8	19.2	29.1	20.4	16.4	10.3	1.7	0.38	1.71
1992	100.0	1.1	19.6	29.0	21.4	15.3	9.8	2.2	-	1.74
1991	100.0	0.2	18.0	26.5	20.9	18.5	10.2	2.8	-	2.84
1990	100.0	0.8	16.4	26.7	20.4	19.2	11.5	3.2	-	1.98

- Represents zero events.

¹ Unmarried status in 1990-1996 was estimated using an inferred method. Starting in 1997, unmarried status is no longer estimated. See Chapter 1

² American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut any race category. Unknown includes Not Stated.

NOTE: Percents are calculated using total births, which include unknown and not reported data.
Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-6
LIVE BIRTHS TO UNMARRIED WOMEN ¹ AS A PERCENTAGE OF TOTAL LIVE BIRTHS
BY RACE/ETHNICITY ² AND AGE OF MOTHER
CALIFORNIA, 1990-1999
(By Place of Residence)

YEAR	TOTAL LIVE BIRTHS	AGE OF MOTHER								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
TOTAL										
1999	32.8	96.2	76.2	47.1	25.7	16.8	16.4	18.5	15.3	37.5
1998	32.7	96.0	76.1	46.3	25.3	16.9	16.4	18.4	13.3	59.2
1997	31.9	92.1	73.6	44.3	24.5	16.7	16.2	18.1	15.9	46.9
1996	31.4	75.7	62.4	41.3	25.4	18.9	19.7	21.9	19.4	31.1
1995	32.1	76.2	63.8	41.7	25.5	19.4	19.9	21.9	22.2	45.6
1994	35.6	83.8	70.0	46.1	28.6	21.3	21.9	23.9	19.9	36.5
1993	35.1	83.2	69.5	45.2	27.9	21.1	22.2	23.9	20.1	33.6
1992	34.2	83.3	68.6	43.5	26.8	20.8	21.7	23.9	20.7	29.1
1991	33.3	84.0	67.7	42.3	25.8	20.2	20.7	23.3	19.1	38.0
1990	31.4	84.2	65.6	39.9	23.8	19.0	19.7	22.4	20.4	34.4
AMERICAN INDIAN										
1999	54.7	100.0	83.8	59.9	45.0	34.7	36.5	47.6	20.0	-
1998	56.5	100.0	84.7	61.2	46.7	42.1	34.9	44.2	33.3	-
1997	54.2	80.0	78.0	58.3	44.7	40.6	41.1	45.5	-	-
1996	49.4	75.0	70.6	52.3	41.0	40.4	38.6	43.6	50.0	-
1995	48.9	66.7	66.4	51.0	43.3	37.4	41.4	47.5	-	-
1994	51.6	92.3	72.8	54.5	43.0	39.3	40.7	30.8	-	-
1993	49.5	87.5	73.7	52.2	40.0	38.4	33.5	46.2	50.0	-
1992	48.9	81.8	73.8	52.4	43.1	33.4	30.5	35.7	-	-
1991	50.4	100.0	77.1	53.7	43.0	34.2	36.5	24.2	100.0	-
1990	49.4	100.0	73.5	51.1	38.9	36.8	39.2	65.0	-	-
ASIAN/PACIFIC ISLANDER										
1999	14.0	88.4	70.9	34.0	10.5	5.7	6.0	7.3	8.9	50.0
1998	13.9	93.9	69.6	32.3	10.5	5.8	6.0	8.3	10.6	-
1997	13.8	92.4	69.2	30.8	10.3	5.8	5.7	8.5	9.1	-
1996	12.3	34.0	42.4	23.3	10.0	7.1	7.9	8.4	9.4	33.3
1995	12.8	39.7	44.9	23.8	10.4	6.7	8.2	8.2	10.1	33.3
1994	12.7	39.5	44.5	23.4	9.7	7.1	8.1	10.4	4.2	-
1993	13.2	42.1	45.7	23.8	10.1	7.3	8.8	9.4	7.4	-
1992	12.9	35.0	46.8	23.3	9.1	7.3	8.5	10.3	4.6	4.3
1991	12.1	51.2	45.6	21.6	8.4	6.5	8.2	9.5	7.1	11.8
1990	11.5	44.8	45.3	20.4	7.8	6.4	7.6	8.7	6.2	8.0
BLACK										
1999	62.7	99.2	91.1	75.1	54.3	43.4	41.1	44.5	35.7	66.7
1998	62.3	97.0	91.1	74.7	54.5	42.6	40.0	41.9	28.6	71.4
1997	61.2	92.7	88.7	72.2	53.2	42.1	40.5	43.8	34.4	60.0
1996	60.6	87.3	82.4	71.2	54.6	43.6	42.9	44.7	33.3	35.7
1995	61.8	85.6	82.6	70.8	54.5	46.5	45.9	45.3	35.3	71.4
1994	63.1	85.1	85.8	71.2	56.1	47.2	46.3	43.8	23.8	80.0
1993	62.7	89.4	85.5	70.5	54.2	47.7	48.3	45.5	36.4	25.0
1992	62.7	89.7	86.7	69.7	53.7	48.4	48.1	50.3	36.4	36.4
1991	63.4	91.6	87.2	70.5	54.3	48.8	46.9	45.8	62.5	56.3
1990	62.3	93.4	87.0	68.6	52.9	47.7	45.0	41.3	63.6	33.3
HISPANIC										
1999	41.3	95.8	75.0	48.2	32.0	25.2	26.0	27.6	29.3	37.5
1998	40.7	95.5	74.8	46.9	30.9	24.8	25.2	28.2	20.4	60.0
1997	39.6	91.9	71.9	44.8	29.7	24.8	25.8	27.8	30.1	48.7
1996	37.6	75.7	60.1	41.8	30.7	26.3	27.0	28.6	24.1	18.0
1995	38.8	76.1	61.7	42.6	31.1	27.5	27.7	28.7	27.6	29.2
1994	46.0	86.9	70.6	50.2	37.8	33.3	33.6	35.0	27.2	25.0
1993	45.8	84.8	70.0	49.7	37.8	33.4	34.7	35.7	28.6	36.7
1992	44.9	86.3	68.6	48.0	37.2	33.4	34.2	34.9	40.1	31.4
1991	43.5	84.6	67.1	46.4	36.0	32.1	32.4	34.9	30.5	36.4
1990	41.0	84.9	64.6	43.7	33.4	30.3	30.3	32.0	33.6	36.6
WHITE/OTHER RACES										
1999	20.8	98.5	73.9	38.1	16.4	9.6	10.2	12.8	10.2	25.0
1998	21.4	98.2	73.9	38.7	16.7	10.1	10.9	12.6	10.3	54.5
1997	20.9	93.6	72.0	37.2	16.4	10.0	10.2	11.8	11.5	58.3
1996	22.6	85.2	63.3	35.7	17.4	13.3	15.4	19.4	19.7	52.6
1995	22.9	90.2	64.3	35.3	17.4	13.4	15.3	19.6	24.7	37.5
1994	23.2	89.3	65.7	35.4	17.6	13.1	15.7	19.3	25.8	41.9
1993	22.3	89.2	65.1	33.9	16.0	12.6	15.2	18.9	21.3	24.1
1992	21.5	87.5	63.9	32.1	15.2	12.3	14.8	18.4	16.8	28.3
1991	21.6	91.4	63.9	31.7	15.1	12.5	14.4	18.0	16.7	32.6
1990	20.8	85.6	61.3	30.1	14.4	11.8	14.3	18.5	19.7	34.8
UNKNOWN										
1999	22.5	100.0	74.3	41.7	18.0	9.8	11.5	15.7	4.5	20.0
1998	25.3	100.0	75.2	48.6	20.8	13.9	10.8	8.9	6.3	66.7
1997	25.1	85.7	78.9	49.1	23.1	12.1	11.3	13.1	-	25.0
1996	27.4	-	52.9	41.2	25.9	18.8	20.6	28.9	33.3	75.0
1995	27.3	-	56.7	35.1	23.8	16.6	22.3	18.7	33.3	90.9
1994	36.3	90.0	75.0	45.3	27.7	27.0	20.7	29.0	20.0	100.0
1993	30.6	100.0	65.6	41.2	24.9	20.4	21.5	15.0	18.2	75.0
1992	28.3	83.3	73.8	44.3	21.2	16.6	17.9	23.3	-	66.7
1991	25.8	50.0	62.8	37.2	19.0	17.1	19.0	24.5	-	66.7
1990	21.5	80.0	55.0	32.0	14.5	14.3	19.6	21.3	-	58.8

- Represents zero events.

1 Unmarried status in 1990-1996 was estimated using an inferred method. Starting in 1997, unmarried status is no longer estimated. See Chapter 6.

2 American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

Note: Percents are calculated using total births, which include unknown and not reported.
Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-7
LIVE BIRTHS BY LIVE BIRTH ORDER
CALIFORNIA, 1970-1999
(By Place of Residence)

YEAR	TOTAL	LIVE BIRTH ORDER					
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER	NOT STATED
1999	518,073	200,595	163,823	88,942	37,753	26,579	381
1998	521,265	199,121	165,484	89,595	38,319	28,055	691
1997	524,174	201,657	165,031	89,303	38,556	28,974	653
1996	538,628	206,806	169,425	91,083	39,734	30,856	724
1995	551,226	215,675	170,677	92,312	40,048	31,897	617
1994	567,034	221,591	175,643	94,241	41,627	33,151	781
1993	584,483	227,187	181,343	96,710	43,682	34,727	834
1992	600,838	235,674	184,802	99,594	44,595	35,684	489
1991	609,228	243,255	185,032	100,704	44,721	34,970	546
1990	611,666	245,625	185,473	101,762	44,142	34,149	515
1989	569,308	228,355	173,495	95,130	41,175	30,475	678
1988	532,708	213,744	166,241	87,616	36,890	27,255	962
1987	503,376	203,765	157,016	81,875	33,729	25,284	1,707
1986	481,905	196,136	151,542	77,232	31,466	23,809	1,720
1985	470,816	191,345	150,803	74,067	30,352	22,665	1,584
1984	447,394	183,345	143,919	69,479	27,744	21,417	1,490
1983	435,722	181,974	138,133	66,626	26,573	20,889	1,527
1982	429,631	183,363	134,602	63,956	25,554	20,337	1,819
1981	420,418	181,800	129,906	60,956	24,432	20,183	3,141
1980	402,720	176,752	122,981	57,692	23,124	19,567	2,604
1979	379,187	159,000	111,881	51,842	20,887	17,896	17,681
1978	356,156	148,624	104,190	47,612	18,968	16,646	20,116
1977	347,576	152,022	108,844	49,055	19,472	17,982	201
1976	332,105	144,249	104,260	46,113	18,826	18,569	88
1975	317,318	137,779	100,153	42,900	18,147	18,193	146
1974	311,668	135,099	98,381	41,437	17,843	18,681	227
1973	297,834	129,137	92,414	39,658	17,764	18,746	115
1972	306,375	130,561	93,014	42,097	19,668	20,967	68
1971	329,826	134,868	95,842	48,288	23,714	27,009	105
1970	362,652	146,350	101,784	54,558	27,643	32,189	128

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-8
PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY LIVE BIRTH ORDER
CALIFORNIA, 1970, 1975, 1980, 1985, 1990 -1999
(By Place of Residence)

YEAR	TOTAL	LIVE BIRTH ORDER					
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER	NOT STATED
1999	100.0	38.7	31.6	17.2	7.3	5.1	0.07
1998	100.0	38.2	31.7	17.2	7.4	5.4	0.13
1997	100.0	38.5	31.5	17.0	7.4	5.5	0.13
1996	100.0	38.4	31.5	16.9	7.4	5.7	0.13
1995	100.0	39.1	31.0	16.7	7.3	5.8	0.11
1994	100.0	39.1	31.0	16.6	7.3	5.8	0.14
1993	100.0	38.9	31.0	16.5	7.5	5.9	0.14
1992	100.0	39.2	30.8	16.6	7.4	5.9	0.08
1991	100.0	39.9	30.4	16.5	7.3	5.7	0.09
1990	100.0	40.2	30.3	16.6	7.2	5.6	0.08
1985	100.0	40.6	32.0	15.7	6.4	4.8	0.34
1980	100.0	43.9	30.5	14.3	5.7	4.9	0.65
1975	100.0	43.4	31.6	13.5	5.7	5.7	0.05
1970	100.0	40.4	28.1	15.0	7.6	8.9	0.04

NOTE: Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-9
 BIRTHS BY LIVE BIRTH ORDER
 AND BY RACE/ETHNICITY ¹ OF MOTHER
 CALIFORNIA, 1990-1999
 (By Place of Residence)

YEAR	TOTAL	LIVE BIRTH ORDER					
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER	NOT STATED
TOTAL							
1999	518,073	200,595	163,823	88,942	37,753	26,579	381
1998	521,265	199,121	165,484	89,595	38,319	28,055	691
1997	524,174	201,657	165,031	89,303	38,556	28,974	653
1996	538,628	206,806	169,425	91,083	39,734	30,856	724
1995	551,226	215,675	170,677	92,312	40,048	31,897	617
1994	567,034	221,591	175,643	94,241	41,627	33,151	781
1993	584,483	227,187	181,343	96,710	43,682	34,727	834
1992	600,838	235,674	184,802	99,594	44,595	35,684	489
1991	609,228	243,255	185,032	100,704	44,721	34,970	546
1990	611,665	245,624	185,473	101,762	44,142	34,149	515
AMERICAN INDIAN							
1999	2,501	924	665	442	222	246	2
1998	2,587	876	756	435	232	277	11
1997	2,582	919	731	461	235	233	3
1996	2,642	932	744	462	251	244	9
1995	2,735	999	737	474	260	259	6
1994	2,694	968	692	511	242	274	7
1993	2,747	941	767	510	275	248	6
1992	2,681	920	785	481	260	235	-
1991	2,643	900	735	488	270	249	1
1990	2,632	1,004	667	464	268	224	5
ASIAN/PACIFIC ISLANDER							
1999	57,046	26,144	19,425	7,184	2,298	1,980	15
1998	55,536	25,001	18,706	7,163	2,359	2,272	35
1997	56,634	25,186	19,140	7,243	2,429	2,620	16
1996	56,942	24,754	19,099	7,399	2,651	3,018	21
1995	57,238	24,840	18,852	7,376	2,723	3,426	21
1994	57,810	24,788	18,765	7,604	2,935	3,700	18
1993	57,438	24,106	18,741	7,571	3,008	3,982	30
1992	58,539	24,891	18,467	7,897	3,111	4,146	27
1991	57,217	23,938	18,071	7,709	3,162	4,277	60
1990	56,054	23,495	17,440	7,827	3,058	4,191	43
BLACK							
1999	34,136	12,617	9,632	5,919	2,913	3,013	42
1998	35,200	12,717	10,088	6,182	2,967	3,179	67
1997	35,957	13,202	10,087	6,197	3,182	3,222	67
1996	37,029	13,578	10,207	6,322	3,299	3,532	91
1995	39,166	14,334	10,802	6,728	3,519	3,691	92
1994	41,481	14,876	11,802	7,197	3,654	3,846	106
1993	43,861	15,521	12,502	7,753	3,925	4,068	92
1992	45,514	16,350	12,912	7,980	4,193	4,023	56
1991	46,780	17,186	13,326	8,157	4,278	3,774	59
1990	48,137	17,854	13,861	8,639	4,192	3,551	40
HISPANIC							
1999	249,253	87,079	74,994	48,584	22,770	15,665	161
1998	247,796	85,835	74,918	47,758	22,624	16,398	263
1997	248,795	87,247	74,405	47,498	22,567	16,859	219
1996	254,672	89,837	76,260	47,745	22,999	17,614	217
1995	253,726	92,344	74,276	46,681	22,453	17,807	165
1994	257,463	94,186	75,015	46,354	23,170	18,480	258
1993	262,065	95,169	75,511	47,187	24,163	19,751	284
1992	263,339	96,043	74,770	47,684	24,419	20,259	164
1991	257,827	95,839	71,980	46,458	23,748	19,649	153
1990	245,314	90,505	68,399	44,673	22,596	19,008	133
WHITE/OTHER RACES							
1999	172,442	72,585	58,330	26,457	9,400	5,585	85
1998	176,885	73,167	60,067	27,644	9,976	5,814	217
1997	177,760	73,998	59,982	27,601	10,007	5,954	218
1996	185,513	76,901	62,576	28,918	10,452	6,387	279
1995	196,512	82,365	65,501	30,792	10,972	6,639	243
1994	205,124	85,848	68,609	32,175	11,463	6,726	303
1993	216,658	90,734	73,332	33,473	12,201	6,565	353
1992	229,145	96,765	77,387	35,323	12,535	6,953	182
1991	243,126	104,682	80,415	37,668	13,174	6,962	225
1990	257,171	111,525	84,511	39,865	13,932	7,098	240
UNKNOWN							
1999	2,695	1,246	777	356	150	90	76
1998	3,261	1,525	949	413	161	115	98
1997	2,446	1,105	686	303	136	86	130
1996	1,830	804	539	237	82	61	107
1995	1,849	793	509	261	121	75	90
1994	2,462	925	760	400	163	125	89
1993	1,714	716	490	216	110	113	69
1992	1,620	705	481	229	77	68	60
1991	1,635	710	505	224	89	59	48
1990	2,357	1,241	595	294	96	77	54

- Represents zero events.

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-10. PERCENT OF BIRTHS WITH SELECTED DEMOGRAPHIC CHARACTERISTICS, BY RACE/ETHNICITY¹ OF MOTHER
CALIFORNIA, 1990-1999 (By Place of Residence)

YEAR	PERCENT OF BIRTHS BY DEMOGRAPHIC CHARACTERISTICS ²						
	Mothers Under 20 Years of Age	Mother Completed 12 Years or More of School	Mother Born in the United States	Unmarried Mother ³	4th & Higher Birth Order	Father Under 20 Years of Age	Father Completed 12 Years or More of School
TOTAL							
1999	11.1	68.6	55.3	32.8	12.4	4.1	66.0
1998	11.4	67.8	55.8	32.7	12.7	4.2	65.4
1997	11.7	66.9	55.1	31.9	12.9	4.3	64.7
1996	12.0	65.7	54.7	31.4	13.1	4.7	64.8
1995	12.4	65.4	55.5	32.1	13.1	4.8	64.7
1994	12.3	64.8	55.5	35.6	13.2	4.7	64.2
1993	12.0	64.3	55.2	35.1	13.4	4.5	64.0
1992	11.8	64.2	55.5	34.2	13.4	4.2	63.9
1991	11.8	64.5	57.1	33.3	13.1	4.2	64.2
1990	11.6	65.5	59.0	31.4	12.8	4.1	65.4
AMERICAN INDIAN							
1999	18.7	70.5	98.5	54.7	18.7	7.1	67.9
1998	18.6	68.1	98.8	56.5	19.7	7.7	64.8
1997	19.8	69.8	98.2	54.2	18.1	8.5	65.6
1996	18.2	69.7	98.5	49.4	18.7	7.9	66.8
1995	20.0	68.2	98.6	48.9	19.0	8.0	68.3
1994	20.3	67.4	98.0	51.6	19.2	7.9	68.4
1993	18.8	67.6	97.2	49.5	19.0	7.8	69.3
1992	17.8	66.6	98.1	48.9	18.5	6.6	67.2
1991	18.2	66.6	98.3	50.4	19.6	7.4	65.4
1990	18.8	64.4	98.1	49.4	18.7	7.3	67.5
ASIAN/PACIFIC ISLANDER							
1999	4.7	87.6	15.0	14.0	7.5	1.7	87.0
1998	4.8	86.3	15.0	13.9	8.3	1.8	85.9
1997	4.9	84.9	14.0	13.8	8.9	1.8	84.8
1996	5.0	82.9	13.4	12.3	10.0	1.9	83.0
1995	5.4	81.1	13.2	12.8	10.7	2.0	81.2
1994	5.5	79.8	15.2	12.7	11.5	1.8	80.2
1993	5.5	78.5	12.0	13.2	12.2	1.8	78.6
1992	5.5	77.4	11.6	12.9	12.4	1.6	77.6
1991	5.6	76.2	11.7	12.1	13.0	1.6	76.8
1990	5.5	76.0	11.8	11.5	12.9	1.5	76.8
BLACK							
1999	16.1	80.7	92.4	62.7	17.4	6.4	73.5
1998	16.9	79.5	92.5	62.3	17.5	6.3	73.3
1997	18.0	78.7	92.7	61.2	17.8	7.2	72.3
1996	18.2	78.4	93.0	60.6	18.4	8.4	78.3
1995	18.9	78.0	93.8	61.8	18.4	8.6	78.1
1994	18.5	78.6	93.9	63.1	18.1	8.2	78.8
1993	18.0	78.7	93.9	62.7	18.2	8.0	79.4
1992	17.6	79.0	94.3	62.7	18.1	7.8	79.6
1991	17.7	78.9	94.5	63.4	17.2	7.7	79.7
1990	18.2	79.8	94.4	62.3	16.1	7.9	79.9
HISPANIC							
1999	15.0	47.6	35.4	41.3	15.4	5.5	45.2
1998	15.2	46.7	35.3	40.7	15.7	5.6	44.6
1997	15.5	44.9	33.7	39.6	15.8	5.6	43.2
1996	15.9	43.1	32.0	37.6	15.9	6.0	42.3
1995	16.6	42.2	31.7	38.8	15.9	6.4	41.6
1994	16.5	40.8	29.9	46.0	16.2	6.2	40.4
1993	16.1	39.4	28.4	45.8	16.8	5.8	39.4
1992	16.0	38.3	27.2	44.9	17.0	5.6	38.3
1991	16.0	38.1	27.7	43.5	16.8	5.5	38.2
1990	15.8	38.5	28.3	41.0	17.0	5.4	38.7
WHITE/OTHER RACES							
1999	6.6	90.9	89.2	20.8	8.7	2.3	88.3
1998	6.9	90.1	89.3	21.4	8.9	2.5	87.6
1997	7.1	90.0	89.8	20.9	9.0	2.6	87.6
1996	7.4	89.2	90.1	22.6	9.1	2.8	87.9
1995	7.6	88.7	90.4	22.9	9.0	2.9	87.3
1994	7.6	88.5	90.7	23.2	8.9	2.9	87.2
1993	7.5	88.2	90.6	22.3	8.7	2.8	87.1
1992	7.4	87.9	91.1	21.5	8.5	2.6	87.0
1991	7.6	87.2	91.3	21.6	8.3	2.7	86.2
1990	7.7	86.7	91.4	20.8	8.2	2.7	86.0

¹ American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category.

² Percents are calculated using total births which includes unknown and not reported in the specified category.

³ Starting in 1997, unmarried status is no longer inferred. See Chapter 6.

TABLE 2-11. PERCENT OF BIRTHS WITH SELECTED MEDICAL CHARACTERISTICS BY RACE/ETHNICITY¹ OF MOTHER, CALIFORNIA, 1990-1999 (By Place of Residence)

YEAR	PERCENT OF BIRTHS BY MEDICAL CHARACTERISTICS ²			
	Late or No Prenatal Care ³	Preterm Birth ⁴	Cesarean Birth	Low Birthweight ⁵
TOTAL				
1999	3.1	10.0	22.7	6.1
1998	3.6	10.1	21.7	6.2
1997	3.7	9.9	21.0	6.1
1996	3.8	9.8	20.6	6.1
1995	4.6	9.9	20.6	6.1
1994	4.8	9.9	20.8	6.2
1993	5.0	9.9	21.3	6.0
1992	5.3	9.7	21.6	5.9
1991	6.3	9.7	22.3	5.8
1990	7.0	9.7	22.2	5.8
AMERICAN INDIAN				
1999	6.8	10.9	21.3	6.0
1998	7.6	11.0	22.1	5.8
1997	7.2	11.3	20.3	5.7
1996	7.5	10.6	22.0	6.1
1995	9.8	11.2	21.6	6.8
1994	9.5	11.1	22.1	6.7
1993	7.2	11.8	22.9	6.8
1992	8.5	11.2	23.5	6.2
1991	9.9	10.8	23.6	5.9
1990	10.0	10.6	23.9	6.3
ASIAN/PACIFIC ISLANDER				
1999	2.6	9.6	21.8	6.8
1998	2.7	9.8	20.6	6.9
1997	2.9	9.5	19.4	6.8
1996	2.8	9.7	19.2	6.8
1995	3.2	9.5	19.1	6.4
1994	3.3	9.6	19.1	6.4
1993	3.4	9.7	19.6	6.1
1992	3.7	9.6	20.0	6.3
1991	4.3	10.1	20.9	6.3
1990	4.5	10.0	21.0	6.0
BLACK				
1999	3.8	14.5	26.0	11.8
1998	4.5	14.6	24.9	11.7
1997	4.5	14.6	23.3	12.1
1996	4.2	14.7	23.0	11.9
1995	5.1	14.8	23.3	12.1
1994	5.5	15.1	23.3	12.6
1993	5.8	15.7	24.5	12.7
1992	6.2	15.6	24.4	12.7
1991	6.7	15.8	24.6	12.7
1990	7.4	15.8	24.9	12.5
HISPANIC				
1999	4.0	10.2	21.9	5.5
1998	4.5	10.3	20.9	5.6
1997	4.6	10.1	20.3	5.6
1996	4.9	10.0	19.8	5.4
1995	5.8	10.1	19.6	5.5
1994	6.4	10.1	19.6	5.5
1993	6.9	10.1	19.9	5.4
1992	7.7	10.1	19.7	5.3
1991	9.6	10.1	20.3	5.2
1990	10.9	10.2	20.0	5.2
WHITE/OTHER RACES				
1999	2.0	8.9	23.5	5.6
1998	2.4	8.9	22.5	5.7
1997	2.4	8.7	21.9	5.5
1996	2.4	8.7	21.6	5.5
1995	3.2	8.7	21.8	5.6
1994	3.1	8.6	22.1	5.5
1993	2.9	8.4	22.8	5.3
1992	2.7	8.0	23.5	5.2
1991	3.1	8.0	24.2	5.0
1990	3.6	7.9	24.1	5.1

¹ American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic. American Indian Eskimo and Aleut. Hispanic includes any race category.

² Percents are calculated using total births which includes unknown and not reported in the specified category

³ Third trimester or no prenatal care.

⁴ Birth prior to 37 completed weeks of gestation.

⁵ Birthweight of less than 2500 grams (5lb 8oz).

TABLE 2-12
GENERAL FERTILITY RATE, TOTAL FERTILITY RATE,
AND BIRTH RATES BY AGE OF MOTHER
CALIFORNIA, 1980-1999
(By Place of Residence)

YEAR	GENERAL FERTILITY RATE ¹	TOTAL FERTILITY RATE ²	BIRTH RATE BY AGE ³ OF MOTHER							
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over
1999	70.5	2,207	0.9	50.2	116.3	122.5	95.8	46.0	10.4	0.8
1998	71.4	2,224	0.9	53.2	120.3	122.2	93.5	45.2	10.5	0.7
1997	72.2	2,237	1.1	56.7	122.8	121.6	91.4	44.4	10.4	0.7
1996	74.7	2,302	1.3	61.6	128.1	123.6	92.6	44.0	10.5	0.6
1995	76.3	2,326	1.5	67.2	128.2	123.9	91.9	43.7	10.3	0.7
1994	78.1	2,355	1.6	70.2	130.0	125.3	91.9	43.5	10.1	0.7
1993	80.1	2,387	1.5	71.3	132.8	127.5	92.4	43.5	9.8	0.6
1992	82.0	2,416	1.5	71.7	134.8	128.8	93.8	44.5	9.7	0.6
1991	83.5	2,445	1.5	72.9	135.7	132.2	94.3	44.6	9.4	0.6
1990	84.7	2,444	1.4	70.0	135.4	133.4	96.6	44.2	9.1	0.6
1989	80.4	2,293	1.4	62.7	125.0	128.5	92.0	41.8	8.5	0.4
1988	76.9	2,174	1.2	56.2	117.0	125.0	89.5	39.4	7.8	0.5
1987	74.2	2,080	1.1	51.9	112.8	121.5	86.1	36.5	7.3	0.5
1986	72.7	2,022	1.0	50.0	112.5	119.0	82.6	33.8	6.6	0.4
1985	72.9	2,013	1.0	49.3	113.1	120.0	81.4	32.8	6.2	0.4
1984	71.1	1,950	1.0	48.3	111.8	116.2	77.0	30.6	6.0	0.4
1983	70.8	1,930	0.9	49.1	113.0	114.5	74.4	29.3	5.7	0.4
1982	71.5	1,933	0.9	51.2	116.1	115.1	71.1	27.7	5.5	0.4
1981	71.7	1,925	1.0	52.9	117.4	114.1	69.1	26.0	5.5	0.3
1980	70.4	1,885	0.9	52.4	116.2	111.2	67.4	24.7	5.1	0.3

¹ The general fertility rate is the total number of live births per 1,000 women of childbearing ages (15-44).

² The total fertility rate is the sum of each age-specific live birth rate multiplied by the number of years in the age group (five years in this case).

³ The birth rate by age is the number of live births per 1,000 women in a specific age group. For women under 15, the rate is calculated using the female population 10-14 years of age, and for women over 44, using the population 45-49 years of age.

Source: State of California, Department of Health Services, Birth Records.
State of California, Department of Finance, 1980-1996 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, 1998.
State of California, Department of Finance, 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 2-13
GENERAL FERTILITY RATE, TOTAL FERTILITY RATE, AND BIRTH RATES
BY AGE AND RACE/ETHNICITY ¹ OF MOTHER

CALIFORNIA, 1990-1999
(By Place of Residence)

YEAR	GENERAL FERTILITY RATE ²	TOTAL FERTILITY RATE ³	BIRTH RATE BY AGE ⁴ OF MOTHER							
			UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER
TOTAL										
1999	70.5	2,207	0.9	50.2	116.3	122.5	95.8	46.0	10.4	0.8
1998	71.2	2,221	0.9	53.6	119.8	122.3	93.1	45.0	10.4	0.7
1997	72.2	2,237	1.1	56.7	122.8	121.6	91.4	44.4	10.4	0.7
1996	74.7	2,302	1.3	61.6	128.1	123.6	92.6	44.0	10.5	0.6
1995	76.3	2,326	1.5	67.2	128.2	123.9	91.9	43.7	10.3	0.7
1994	78.1	2,355	1.6	70.2	130.0	125.3	91.9	43.5	10.1	0.7
1993	80.1	2,387	1.5	71.3	132.8	127.5	92.4	43.5	9.8	0.6
1992	82.0	2,416	1.5	71.7	134.8	128.8	93.8	44.5	9.7	0.6
1991	83.5	2,445	1.5	72.9	135.7	132.2	94.3	44.6	9.4	0.6
1990	84.7	2,444	1.4	70.0	135.4	133.4	96.6	44.2	9.1	0.6
AMERICAN INDIAN										
1999	53.2	1,692	0.7	63.0	113.0	82.6	52.6	22.3	4.7	0.6
1998	55.5	1,765	1.3	65.6	116.3	87.1	55.2	23.8	4.9	a
1997	55.1	1,750	1.5	69.5	108.8	88.3	52.7	25.6	5.1	a
1996	56.2	1,775	1.7	65.4	112.7	91.9	54.7	23.8	6.5	a
1995	57.8	1,813	1.7	76.5	110.8	91.7	58.1	20.7	4.8	a
1994	56.1	1,754	1.8	76.2	109.7	88.9	48.2	23.3	4.7	a
1993	56.5	1,753	1.1	71.9	112.1	90.2	52.3	19.4	4.8	a
1992	54.6	1,679	1.5	65.9	113.6	82.9	50.1	19.9	3.5	a
1991	53.8	1,649	a	67.9	107.1	83.5	47.6	19.7	4.0	a
1990	53.9	1,634	1.3	67.3	115.5	82.1	41.1	18.1	2.6	a
ASIAN/PACIFIC ISLANDER										
1999	63.0	1,895	0.3	19.1	55.8	112.4	119.8	59.3	12.7	1.0
1998	62.7	1,877	0.4	19.9	57.4	112.7	116.2	56.1	13.1	1.0
1997	65.7	1,962	0.5	21.6	62.1	119.8	118.2	57.3	13.3	1.2
1996	67.9	2,020	0.7	23.1	67.3	121.7	121.3	56.0	14.5	1.1
1995	69.5	2,055	0.9	26.1	70.8	124.4	117.8	57.1	14.8	1.3
1994	71.2	2,091	0.9	27.2	72.5	128.6	117.1	58.2	14.7	1.7
1993	71.9	2,101	0.9	27.9	75.5	129.3	115.8	57.6	14.0	1.5
1992	74.7	2,167	1.1	28.4	80.9	133.2	116.9	59.7	14.4	1.7
1991	75.2	2,170	1.2	28.8	81.4	133.0	116.1	60.1	14.6	2.1
1990	76.3	2,174	0.9	28.5	81.2	132.0	119.9	59.5	13.8	1.9
BLACK										
1999	63.5	1,986	1.2	63.0	123.0	99.0	70.1	34.3	7.8	0.3
1998	63.5	1,972	1.4	67.3	119.8	96.2	69.7	33.6	7.8	0.3
1997	65.5	2,023	2.0	74.0	122.3	97.5	69.6	33.4	7.8	0.4
1996	67.7	2,073	2.3	78.1	123.6	100.2	71.0	34.1	7.5	0.3
1995	71.7	2,178	3.1	87.7	130.7	104.3	70.9	34.9	7.2	0.2
1994	75.8	2,281	2.9	93.1	138.7	109.1	73.6	34.9	6.9	0.3
1993	80.0	2,383	3.0	98.4	144.1	115.8	76.0	35.6	6.7	0.2
1992	82.9	2,439	3.4	100.0	149.9	117.8	78.2	35.5	6.4	0.2
1991	86.1	2,509	2.8	105.2	154.7	123.7	78.1	33.6	6.4	0.3
1990	89.6	2,560	3.4	108.8	156.3	125.7	81.5	33.2	6.5	0.2
HISPANIC										
1999	108.9	3,246	1.6	92.7	200.7	177.9	111.8	52.6	13.3	0.8
1998	111.2	3,293	1.8	97.8	209.5	175.6	109.5	52.5	13.6	0.8
1997	114.1	3,347	2.1	104.1	214.9	174.3	109.1	53.0	14.0	0.8
1996	119.3	3,471	2.5	112.9	225.0	176.3	112.1	53.8	14.2	0.8
1995	120.2	3,442	2.8	120.5	217.5	172.5	110.2	53.4	14.4	0.8
1994	123.2	3,469	2.9	123.9	216.5	173.3	111.6	54.0	14.5	0.9
1993	126.5	3,506	2.7	123.3	216.9	177.4	114.0	55.2	14.5	0.9
1992	128.6	3,518	2.7	121.5	215.2	177.6	115.7	58.1	15.5	1.0
1991	129.3	3,505	2.5	120.7	212.2	179.3	115.2	58.1	15.4	0.9
1990	126.8	3,402	2.4	110.8	205.0	175.9	116.0	57.5	15.2	0.9
WHITE										
1999	49.1	1,556	0.3	22.8	67.0	87.8	83.2	41.3	9.1	0.8
1998	50.0	1,577	0.2	25.5	69.0	90.2	81.1	40.7	8.9	0.6
1997	49.7	1,553	0.3	26.5	69.7	88.3	78.3	39.2	8.6	0.6
1996	51.4	1,597	0.4	29.8	73.1	90.7	78.8	38.4	8.6	0.5
1995	53.6	1,650	0.3	33.5	77.0	93.4	79.9	38.0	8.2	0.5
1994	55.2	1,681	0.5	35.9	80.0	95.3	79.6	37.4	8.0	0.5
1993	57.0	1,718	0.4	37.3	84.0	97.5	80.0	37.0	7.8	0.4
1992	59.2	1,766	0.5	38.8	87.3	100.7	81.6	37.5	7.4	0.4
1991	62.0	1,843	0.5	41.6	91.2	107.2	83.4	38.1	7.0	0.3
1990	65.4	1,918	0.5	42.8	96.5	112.9	86.5	38.2	6.9	0.3

¹ American Indian, Asian/Pacific Islander, Black, and White exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown Race.

² The general fertility rate is the total number of live births per 1,000 women of childbearing ages (15-44).

³ The total fertility rate is the sum of each age-specific live birth rate multiplied by the number of years in the age group.

⁴ The birth rate by age is the number of live births per 1,000 women in a specific age group. For women under 15, the rate is calculated using the female population 10-14 years of age, and for women over 44, using the female population 45-49 years of age.

a Rates are not calculated for fewer than 5 events.

Source: State of California, Department of Health Services, Birth Records.
State of California, Department of Finance, 1990-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 2-14
GENERAL FERTILITY RATE AND BIRTH RATES BY AGE OF MOTHER
CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY	GENERAL FERTILITY RATE ¹	BIRTH RATE BY AGE ² OF MOTHER							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over
CALIFORNIA	70.5	0.9	50.2	116.3	122.5	95.8	46.0	10.4	0.8
ALAMEDA	64.6	0.8	35.8	92.7	114.4	102.3	49.9	10.3	0.7
ALPINE	b	-	-	a,b	a,b	b	a,b	-	-
AMADOR	47.7	-	26.9	b	b	b	29.6	10.9	-
BUTTE	54.7	0.9	41.5	99.5	101.0	65.3	30.5	5.7	a
CALAVERAS	44.2	-	34.0	56.3	b	b	32.3	6.2	-
COLUSA	82.0	a,b	b	b	b	b	b	b	-
CONTRA COSTA	65.9	0.6	32.2	82.6	120.1	120.3	55.5	11.4	0.9
DEL NORTE	50.9	-	54.8	b	b	b	18.2	7.3	-
EL DORADO	50.6	a	26.5	65.8	96.1	103.6	43.6	9.8	a
FRESNO	80.6	1.9	75.5	143.6	135.3	87.7	41.0	8.8	0.7
GLENN	66.7	a	45.6	106.1	b	b	b	4.9	-
HUMBOLDT	51.7	a	38.6	103.3	84.9	62.3	30.8	6.6	a
IMPERIAL	76.7	1.7	59.6	114.1	125.8	101.1	47.3	7.9	a
INYO	57.9	a,b	b	b	b	b	b	b	-
KERN	81.8	1.7	74.4	156.0	141.3	92.1	38.0	7.8	0.5
KINGS	85.3	1.9	84.0	170.8	114.6	81.3	44.2	8.7	a
LAKE	56.5	a	43.0	103.4	115.8	79.0	24.6	7.4	a
LASSEN	48.5	a	34.8	83.5	b	b	b	a	-
LOS ANGELES	73.8	0.9	56.5	130.9	128.0	92.5	46.1	11.4	0.9
MADERA	68.6	1.6	71.5	109.1	89.6	71.8	39.5	5.8	a
MARIN	46.9	a	14.7	42.5	54.0	85.6	57.3	16.7	2.2
MARIPOSA	42.5	-	b	b	b	b	b	a,b	-
MENDOCINO	57.6	-	44.2	107.9	100.5	70.9	31.2	6.2	a
MERCED	80.6	1.4	71.7	146.2	133.0	99.1	34.1	7.6	a
MODOC	34.7	-	b	b	b	b	b	a,b	-
MONO	55.1	-	b	b	b	b	b	a,b	a,b
MONTEREY	86.2	0.9	64.9	167.7	174.5	109.2	40.9	9.9	0.9
NAPA	59.2	a	32.8	90.2	92.9	100.1	42.1	9.3	a
NEVADA	44.5	-	19.6	57.0	85.9	86.6	46.8	9.4	a
ORANGE	78.5	0.6	44.4	117.6	138.6	116.8	54.7	11.5	0.8
PLACER	61.1	a	22.6	70.0	135.6	134.6	48.8	7.7	a
PLUMAS	34.7	a,b	b	b	b	b	b	a,b	-
RIVERSIDE	74.4	0.9	57.3	136.6	139.7	95.7	38.0	8.5	0.2
SACRAMENTO	67.7	0.8	48.1	122.7	130.5	88.8	40.1	8.0	0.8
SAN BENITO	89.7	a	58.9	113.9	156.2	154.6	54.2	11.8	-
SAN BERNARDINO	76.2	0.8	63.1	144.4	140.3	94.8	37.1	8.1	0.6
SAN DIEGO	67.0	0.7	46.4	103.2	97.9	83.8	49.4	12.2	0.9
SAN FRANCISCO	47.4	0.6	28.5	64.0	79.2	69.4	41.1	10.5	0.9
SAN JOAQUIN	74.6	1.4	60.1	131.0	134.7	94.0	36.8	8.6	0.8
SAN LUIS OBISPO	42.1	a	24.3	52.1	78.5	54.3	33.3	8.2	1.0
SAN MATEO	66.2	0.5	29.2	80.3	110.8	114.5	61.2	14.5	1.0
SANTA BARBARA	62.3	0.5	42.2	94.9	108.6	82.2	43.9	11.0	0.7
SANTA CLARA	69.3	0.5	36.2	91.9	120.1	114.5	54.2	11.7	0.7
SANTA CRUZ	62.7	1.1	35.9	92.6	107.1	99.5	51.8	11.3	1.1
SHASTA	52.4	1.0	44.7	99.9	86.0	67.9	28.2	4.2	a
SIERRA	b	-	-	a,b	b	a,b	a,b	-	-
SISKIYOU	52.4	-	42.5	74.5	92.2	b	38.1	5.1	-
SOLANO	65.4	0.7	43.5	110.2	131.4	99.5	38.2	6.6	a
SONOMA	57.7	0.7	33.5	88.8	110.8	90.2	43.4	8.9	0.8
STANISLAUS	72.8	1.2	51.8	136.0	137.8	93.7	33.9	6.2	0.7
SUTTER	67.8	a	40.7	119.4	127.0	97.4	31.6	5.9	-
TEHAMA	58.1	a	61.0	95.3	101.3	70.4	24.7	5.1	a
TRINITY	36.3	-	b	b	b	b	b	a,b	-
TULARE	85.6	1.5	78.8	151.1	141.5	90.7	37.6	9.5	0.7
TUOLUMNE	43.7	-	30.5	76.6	83.8	57.7	27.1	6.8	-
VENTURA	73.8	0.5	42.7	101.2	128.4	123.2	56.2	11.8	0.9
YOLO	51.7	a	27.3	51.3	86.7	79.3	48.4	11.2	a
YUBA	74.3	a	66.8	165.0	120.7	76.6	29.2	7.4	a

- Represents zero events.

a Rates are not calculated for fewer than five live births.

b Rates are not calculated for counties reporting fewer than 1,000 population in a specific age group.

¹ The general fertility rate is the total number of live births per 1,000 women of childbearing ages (15-44 years).

² The birth rate by age is the number of live births per 1,000 women in a specific age group. For women under 15, the rate is calculated using the female population 10-14 years of age, and for women over 44, using the female population 45-49 years of age.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1999 Race/Ethnic Population Projections with Age and Sex Detail, December 1998.

TABLE 2-15
 BIRTH RATES BY YEAR OF AGE FOR TEENAGE MOTHERS
 CALIFORNIA COUNTIES, 1999
 (By Place of Residence)

COUNTY	BIRTH RATE BY YEAR OF AGE ¹ OF MOTHER						
	UNDER 15	15	16	17	18	19	15-19
CALIFORNIA	0.9	12.7	29.2	49.3	67.9	92.1	50.2
ALAMEDA	0.8	9.5	20.4	38.2	47.4	64.9	35.8
ALPINE	-	-	-	-	-	-	-
AMADOR	-	a,b	a,b	a,b	b	b	26.9
BUTTE	0.9	9.7	16.8	39.5	63.2	79.1	41.5
CALAVERAS	-	a,b	b	a,b	b	b	34.0
COLUSA	a,b	a,b	b	b	b	b	b
CONTRA COSTA	0.6	7.2	16.9	26.1	49.6	61.2	32.2
DEL NORTE	-	a,b	b	b	b	b	54.8
EL DORADO	a	a	15.0	27.5	41.5	48.0	26.5
FRESNO	1.9	24.2	49.8	77.0	104.8	123.8	75.5
GLENN	a	a,b	b	b	b	b	45.6
HUMBOLDT	a	b	b	b	57.8	b	38.6
IMPERIAL	1.7	13.0	33.5	58.6	69.4	119.1	59.6
INYO	a,b	-	a,b	b	b	b	b
KERN	1.7	22.5	48.8	72.9	97.6	134.0	74.4
KINGS	1.9	b	b	b	b	b	84.0
LAKE	a	a,b	b	b	b	b	43.0
LASSEN	a	a,b	a,b	b	b	b	34.8
LOS ANGELES	0.9	14.9	33.3	56.1	75.2	104.9	56.5
MADERA	1.6	b	b	b	b	101.0	71.5
MARIN	a	3.9	6.5	12.7	18.3	32.5	14.7
MARIPOSA	-	a,b	a,b	a,b	b	b	b
MENDOCINO	-	b	b	b	b	b	44.2
MERCED	1.4	20.9	39.9	73.9	94.6	135.2	71.7
MODOC	-	a,b	-	-	a,b	a,b	b
MONO	-	-	a,b	a,b	a,b	a,b	b
MONTEREY	0.9	13.4	45.7	60.9	76.5	131.1	64.9
NAPA	a	a,b	b	b	b	b	32.8
NEVADA	-	a,b	a,b	b	b	b	19.6
ORANGE	0.6	10.1	25.4	39.5	62.4	87.1	44.4
PLACER	a	5.0	9.6	25.0	28.0	47.1	22.6
PLUMAS	a,b	a,b	-	a,b	b	b	b
RIVERSIDE	0.9	14.6	30.4	52.4	79.5	113.3	57.3
SACRAMENTO	0.8	12.0	26.0	43.5	67.8	92.2	48.1
SAN BENITO	a	a,b	b	b	b	b	58.9
SAN BERNARDINO	0.8	14.3	36.7	62.0	84.3	122.1	63.1
SAN DIEGO	0.7	10.3	27.3	45.5	62.9	80.8	46.4
SAN FRANCISCO	0.6	7.5	16.8	27.1	40.9	49.7	28.5
SAN JOAQUIN	1.4	18.9	33.3	62.2	84.7	103.9	60.1
SAN LUIS OBISPO	a	5.0	18.1	27.6	33.6	29.7	24.3
SAN MATEO	0.5	6.5	14.1	29.6	42.9	54.5	29.2
SANTA BARBARA	0.5	13.3	28.9	47.3	54.8	56.6	42.2
SANTA CLARA	0.5	8.7	19.8	33.9	49.3	71.4	36.2
SANTA CRUZ	1.1	11.4	20.5	31.4	39.9	64.7	35.9
SHASTA	1.0	8.3	25.8	40.3	58.2	94.9	44.7
SIERRA	-	-	-	-	-	-	-
SISKIYOU	-	a,b	b	b	b	b	42.5
SOLANO	0.7	7.6	25.3	40.8	54.7	91.4	43.5
SONOMA	0.7	6.5	12.3	39.1	45.7	65.8	33.5
STANISLAUS	1.2	13.1	30.1	54.6	68.1	93.2	51.8
SUTTER	a	a,b	b	b	b	b	40.7
TEHAMA	a	b	b	b	b	b	61.0
TRINITY	-	a,b	a,b	b	a,b	b	b
TULARE	1.5	20.1	47.7	77.9	115.2	133.4	78.8
TUOLUMNE	-	a,b	a,b	b	b	b	30.5
VENTURA	0.5	10.5	25.3	44.0	55.7	78.8	42.7
YOLO	a	10.6	23.5	36.7	27.3	32.2	27.3
YUBA	a	b	b	b	b	b	66.8

¹ The birth rate by age is the number of live births per 1,000 women in a specific age group.

- Represents zero births.

a Rates are not calculated for fewer than five live births.

b Rates are not calculated for counties reporting fewer than 1,000 population in a specific age group.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1999 Race/Ethnic Population Projections with Age and Sex Detail

TABLE 2-16
GENERAL FERTILITY RATE AND BIRTH RATES
BY AGE OF MOTHER AND BY LIVE BIRTH ORDER
CALIFORNIA, 1990-1999
(By Place of Residence)

YEAR AND BIRTH ORDER	GENERAL FERTILITY RATE ¹	BIRTH RATE BY AGE ² OF MOTHER							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over
1999	70.5	0.86	50.2	116.3	122.5	95.8	46.0	10.4	0.77
First Live Birth	27.3	0.84	39.8	54.0	41.5	26.9	10.5	2.2	0.19
Second	22.3	0.01	9.0	40.9	41.7	31.6	14.3	2.8	0.18
Third	12.1	-	1.3	15.7	24.4	20.7	10.2	2.1	0.14
Fourth	5.1	-	0.1	4.4	9.8	9.7	5.5	1.3	0.08
Fifth or More	3.6	-	a	1.4	5.0	7.0	5.5	2.0	0.18
1998	71.2	0.91	53.6	119.8	122.3	93.1	45.0	10.4	0.68
First Live Birth	27.3	0.89	42.0	54.4	40.7	25.6	10.2	2.2	0.16
Second	22.6	a	9.8	42.4	41.9	30.8	13.9	2.8	0.16
Third	12.3	a	1.5	16.6	24.4	20.0	9.9	2.1	0.11
Fourth	5.2	-	0.2	4.7	9.9	9.6	5.4	1.3	0.08
Fifth or More	3.8	-	a	1.6	5.4	7.1	5.6	2.1	0.18
1997	72.2	1.10	56.7	122.8	121.6	91.4	44.4	10.4	0.69
First Live Birth	27.8	1.07	44.2	56.3	41.0	24.8	9.9	2.2	0.15
Second	22.7	a	10.6	42.9	41.2	30.2	13.6	2.7	0.14
Third	12.3	-	1.7	16.9	24.0	19.7	9.7	2.1	0.10
Fourth	5.3	-	0.2	5.0	9.8	9.4	5.4	1.3	0.09
Fifth or More	4.0	-	a	1.7	5.6	7.3	5.8	2.1	0.21
1996	74.7	1.33	61.6	128.1	123.6	92.6	44.0	10.5	0.62
First Live Birth	28.7	1.29	47.9	59.1	41.0	24.7	9.4	2.1	0.12
Second	23.5	a	11.5	44.3	42.1	30.7	13.5	2.8	0.13
Third	12.7	a	1.9	17.6	24.4	19.9	9.5	2.0	0.09
Fourth	5.5	-	0.3	5.2	10.1	9.6	5.5	1.3	0.07
Fifth or More	4.3	-	a	1.9	6.0	7.7	6.0	2.3	0.21
1995	76.3	1.49	67.2	128.2	123.9	91.9	43.7	10.3	0.65
First Live Birth	29.9	1.45	52.5	60.0	41.8	24.5	9.5	2.1	0.13
Second	23.6	a	12.3	43.7	41.7	30.2	13.0	2.6	0.13
Third	12.8	a	2.1	17.3	24.4	19.7	9.6	1.9	0.10
Fourth	5.5	-	0.3	5.3	10.0	9.4	5.4	1.3	0.06
Fifth or More	4.4	-	a	1.86	6.11	7.9	6.1	2.3	0.23
1994	78.1	1.55	70.2	130.0	125.3	91.9	43.5	10.1	0.67
First Live Birth	30.6	1.52	54.3	60.8	42.1	24.4	9.4	2.1	0.13
Second	24.2	a	13.2	44.2	42.2	30.0	12.9	2.6	0.13
Third	13.0	-	2.3	17.7	24.3	19.6	9.5	1.9	0.10
Fourth	5.7	-	0.3	5.3	10.3	9.8	5.5	1.2	0.07
Fifth or More	4.6	-	0.05	2.0	6.5	8.0	6.3	2.3	0.25
1993	80.1	1.48	71.3	132.8	127.5	92.4	43.5	9.8	0.60
First Live Birth	31.2	1.42	54.4	61.9	42.9	24.3	9.2	2.0	0.10
Second	24.9	0.06	14.0	44.9	42.8	30.0	12.9	2.4	0.09
Third	13.3	a	2.5	18.2	24.6	19.5	9.3	1.8	0.10
Fourth	6.0	a	0.4	5.7	10.6	10.1	5.6	1.2	0.07
Fifth or More	4.8	-	0.06	2.2	6.6	8.5	6.5	2.4	0.25
1992	82.0	1.54	71.7	134.8	128.8	93.8	44.5	9.7	0.59
First Live Birth	32.2	1.49	54.3	63.6	44.2	24.6	9.5	1.9	0.09
Second	25.2	a	14.3	45.3	42.5	30.0	13.0	2.2	0.09
Third	13.6	a	2.6	18.2	24.8	20.2	9.5	1.9	0.06
Fourth	6.1	-	0.4	5.6	10.8	10.2	5.6	1.2	0.06
Fifth or More	4.9	-	0.05	2.1	6.6	8.7	6.8	2.5	0.29
1991	83.5	1.46	72.9	135.7	132.2	94.3	44.6	9.4	0.57
First Live Birth	33.4	1.41	55.8	66.0	45.8	24.9	9.6	1.8	0.07
Second	25.4	a	14.1	44.4	43.3	30.1	12.9	2.3	0.07
Third	13.8	a	2.6	17.8	25.5	20.5	9.6	1.8	0.08
Fourth	6.1	-	0.4	5.6	10.9	10.3	5.6	1.2	0.08
Fifth or More	4.8	a	0.05	2.0	6.6	8.5	6.8	2.4	0.27
1990	84.7	1.44	70.0	135.4	133.4	96.6	44.2	9.1	0.55
First Live Birth	34.0	1.39	53.9	65.7	46.9	25.7	9.6	1.7	0.06
Second	25.7	0.05	13.4	44.1	43.5	30.8	12.8	2.2	0.05
Third	14.1	a	2.4	18.2	25.7	21.0	9.6	1.7	0.07
Fourth	6.1	a	0.3	5.5	11.0	10.4	5.4	1.2	0.06
Fifth or More	4.7	-	0.05	2.0	6.3	8.7	6.8	2.4	0.31

a Represents a rate of more than zero but less than 0.05.

- Represents zero events.

¹ The general fertility rate is the total number of live births per 1,000 women of childbearing ages (15-44).

² The birth rate by age is the number of live births per 1,000 women in a specific age group. For women under 15, the rate is calculated using the female population 10-14 years of age, and for women over 44, using the female population 45-49 years of age.

Note: Live births with unknown birth order were distributed proportionately to live births with known order before rates were calculated.

Source: State of California, Department of Health Services, Birth Records.

State of California, Department of Finance, 1990-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June, 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 2-17
GENERAL FERTILITY RATE AND BIRTH RATES BY LIVE BIRTH ORDER
CALIFORNIA, 1980-1999
(By Place of Residence)

YEAR	GENERAL FERTILITY RATE ¹	LIVE BIRTH ORDER				
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER
1999	70.5	27.3	22.3	12.1	5.1	3.6
1998	71.2	27.3	22.6	12.3	5.2	3.8
1997	72.2	27.8	22.7	12.3	5.3	4.0
1996	74.7	28.7	23.5	12.7	5.5	4.3
1995	76.3	29.9	23.6	12.8	5.5	4.4
1994	78.1	30.6	24.2	13.0	5.7	4.6
1993	80.1	31.2	24.9	13.3	6.0	4.8
1992	82.0	32.2	25.2	13.6	6.1	4.9
1991	83.5	33.4	25.4	13.8	6.1	4.8
1990	84.7	34.0	25.7	14.1	6.1	4.7
1989	80.4	32.3	24.5	13.5	5.8	4.3
1988	76.9	30.9	24.0	12.7	5.3	3.9
1987	74.2	30.1	23.2	12.1	5.0	3.7
1986	72.7	29.7	22.9	11.7	4.8	3.6
1985	72.9	29.7	23.4	11.5	4.7	3.5
1984	71.1	29.2	23.0	11.1	4.4	3.4
1983	70.8	29.7	22.5	10.9	4.3	3.4
1982	71.5	30.6	22.5	10.7	4.3	3.4
1981	71.7	31.2	22.3	10.5	4.2	3.5
1980	70.4	31.1	21.6	10.2	4.1	3.4

¹ The general fertility rate is the total number of live births per 1,000 women of childbearing ages (15-44 years).

Note: Live births with unknown birth order were distributed proportionately to live births with known birth orders before birth order rates were calculated.

Source: State of California, Department of Health Services, Birth Records.
State of California, Department of Finance, 1980-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June, 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 2-18
GENERAL FERTILITY RATE AND BIRTH RATES
BY LIVE BIRTH ORDER AND RACE/ETHNICITY¹ OF MOTHER
CALIFORNIA, 1990-1999
(By Place of Residence)

YEAR	GENERAL FERTILITY ²	LIVE BIRTH ORDER				
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER
TOTAL						
1999	70.5	27.3	22.3	12.1	5.1	3.6
1998	71.2	27.3	22.6	12.3	5.2	3.8
1997	72.2	27.8	22.7	12.3	5.3	4.0
1996	74.7	28.7	23.5	12.7	5.5	4.3
1995	76.3	29.9	23.6	12.8	5.5	4.4
1994	78.1	30.6	24.2	13.0	5.7	4.6
1993	80.1	31.2	24.9	13.3	6.0	4.8
1992	82.0	32.2	25.2	13.6	6.1	4.9
1991	83.5	33.4	25.4	13.8	6.1	4.8
1990	84.7	34.0	25.7	14.1	6.1	4.7
AMERICAN INDIAN						
1999	53.2	19.7	14.1	9.4	4.7	5.2
1998	55.5	18.9	16.3	9.4	5.0	6.0
1997	55.1	19.6	15.6	9.9	5.0	5.0
1996	56.2	19.9	15.9	9.9	5.4	5.2
1995	57.8	21.1	15.6	10.0	5.5	5.5
1994	56.1	20.2	14.5	10.7	5.1	5.7
1993	56.5	19.4	15.8	10.5	5.7	5.1
1992	54.6	18.7	16.0	9.8	5.3	4.8
1991	53.8	18.3	15.0	9.9	5.5	5.1
1990	53.9	20.6	13.7	9.5	5.5	4.6
ASIAN/PACIFIC ISLANDER						
1999	63.0	28.9	21.5	7.9	2.5	2.2
1998	62.7	28.2	21.1	8.1	2.7	2.6
1997	65.7	29.2	22.2	8.4	2.8	3.0
1996	67.9	29.5	22.8	8.8	3.2	3.6
1995	69.5	30.2	22.9	9.0	3.3	4.2
1994	71.2	30.5	23.1	9.4	3.6	4.6
1993	71.9	30.2	23.5	9.5	3.8	5.0
1992	74.7	31.8	23.6	10.1	4.0	5.3
1991	75.2	31.5	23.8	10.1	4.2	5.6
1990	76.3	32.0	23.8	10.7	4.2	5.7
BLACK						
1999	63.5	23.5	17.9	11.0	5.4	5.6
1998	63.5	23.0	18.2	11.2	5.4	5.8
1997	65.5	24.1	18.4	11.3	5.8	5.9
1996	67.7	24.9	18.7	11.6	6.0	6.5
1995	71.7	26.3	19.8	12.3	6.5	6.8
1994	75.8	27.2	21.6	13.2	6.7	7.0
1993	80.0	28.4	22.8	14.2	7.2	7.4
1992	82.9	29.8	23.6	14.6	7.7	7.3
1991	86.1	31.7	24.6	15.0	7.9	7.0
1990	89.6	33.3	25.8	16.1	7.8	6.6
HISPANIC						
1999	108.9	38.1	32.8	21.2	10.0	6.8
1998	111.2	38.6	33.7	21.5	10.2	7.4
1997	114.1	40.0	34.2	21.8	10.4	7.7
1996	119.3	42.1	35.8	22.4	10.8	8.3
1995	120.2	43.8	35.2	22.1	10.6	8.4
1994	123.2	45.1	35.9	22.4	11.1	8.8
1993	126.5	46.0	36.5	22.8	11.7	9.5
1992	128.6	46.9	36.5	23.3	11.9	9.9
1991	129.3	48.1	36.1	23.3	11.9	9.9
1990	126.8	46.8	35.4	23.1	11.7	9.8
WHITE						
1999	49.1	20.7	16.6	7.5	2.7	1.6
1998	50.0	20.8	17.0	7.8	2.8	1.6
1997	49.7	20.7	16.8	7.7	2.8	1.7
1996	51.4	21.4	17.4	8.0	2.9	1.8
1995	53.6	22.5	17.9	8.4	3.0	1.8
1994	55.2	23.1	18.5	8.7	3.1	1.8
1993	57.0	23.9	19.3	8.8	3.2	1.7
1992	59.2	25.0	20.0	9.1	3.2	1.8
1991	62.0	26.7	20.5	9.6	3.4	1.8
1990	65.4	28.5	21.5	10.1	3.5	1.8

¹ American Indian, Asian/Pacific Islander, Black, and White exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown Race.

² The general fertility rate is the total number of live births per 1,000 women of childbearing ages (15-44 years).

Source: State of California, Department of Health Services, Birth Records.
State of California, Department of Finance, 1990-1996 Population: 1970-1996 Race/Ethnic Population Estimates for Counties with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 2-19
LIVE BIRTHS
CALIFORNIA COUNTIES, 1990-1999
(By Place of Residence)

COUNTY	YEAR									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
CALIFORNIA	611,666	609,228	600,838	584,483	567,034	551,226	538,628	524,174	521,265	518,073
ALAMEDA	23,285	23,252	22,678	21,919	21,387	20,941	20,668	20,766	20,933	20,547
ALPINE	12	15	15	8	6	11	10	7	15	12
AMADOR	322	278	306	274	276	247	289	270	263	264
BUTTE	2,643	2,566	2,607	2,600	2,482	2,518	2,475	2,253	2,267	2,256
CALAVERAS	408	386	389	356	380	382	320	327	288	325
COLUSA	277	331	318	324	334	317	302	307	314	335
CONTRA COSTA	13,589	13,435	12,737	12,659	12,431	12,483	12,284	12,294	12,506	12,586
DEL NORTE	381	400	358	351	343	310	333	324	316	298
EL DORADO	1,993	1,956	1,773	1,789	1,792	1,726	1,664	1,666	1,677	1,637
FRESNO	15,542	16,175	16,143	16,122	15,540	15,078	14,637	14,116	14,363	14,019
GLENN	471	485	482	419	461	442	440	427	380	386
HUMBOLDT	1,809	1,731	1,635	1,608	1,597	1,573	1,500	1,478	1,457	1,452
IMPERIAL	2,799	2,839	2,967	2,849	2,723	2,637	2,497	2,381	2,500	2,464
INYO	254	235	237	206	214	242	221	190	201	190
KERN	12,488	12,976	12,965	12,529	12,613	11,942	11,557	11,271	11,521	11,377
KINGS	2,277	2,287	2,296	2,305	2,234	2,141	2,255	2,084	2,164	2,149
LAKE	737	742	737	635	656	675	581	565	566	579
LASSEN	350	315	323	315	306	298	297	328	294	284
LOS ANGELES	204,124	202,737	197,415	189,706	180,394	174,862	168,973	162,036	158,604	156,153
MADERA	1,843	1,963	2,000	1,993	1,944	1,994	2,007	1,987	2,073	1,958
MARIN	3,042	2,967	2,918	2,801	2,750	2,614	2,642	2,651	2,569	2,650
MARIPOSA	185	190	156	178	183	151	154	135	135	126
MENDOCINO	1,226	1,192	1,135	1,105	1,148	1,131	1,021	1,025	1,082	1,012
MERCED	4,324	4,346	4,254	4,371	4,143	4,023	3,733	3,610	3,529	3,658
MODOC	141	109	83	128	122	122	114	98	81	68
MONO	147	149	145	138	127	136	120	118	135	119
MONTEREY	7,908	8,114	8,198	7,494	7,068	6,810	6,635	6,720	6,813	6,718
NAPA	1,498	1,548	1,521	1,562	1,505	1,463	1,509	1,499	1,477	1,493
NEVADA	995	892	900	872	841	833	794	796	757	770
ORANGE	51,179	51,398	51,865	51,153	50,020	48,720	48,007	47,487	46,189	46,509
PLACER	2,585	2,785	2,641	2,633	2,684	2,877	2,760	2,607	2,673	2,954
PLUMAS	182	214	179	212	181	168	148	156	126	137
RIVERSIDE	25,193	25,537	25,323	25,131	24,882	24,220	23,473	23,319	23,230	23,536
SACRAMENTO	19,582	19,789	19,583	19,314	18,508	18,730	17,844	17,312	17,757	17,737
SAN BENITO	732	730	755	806	740	796	798	888	891	974
SAN BERNARDINO	33,393	33,021	32,821	32,249	31,457	30,109	29,359	28,319	28,245	28,397
SAN DIEGO	50,586	49,637	50,670	48,870	47,607	45,902	44,886	43,255	43,422	43,261
SAN FRANCISCO	10,125	9,868	9,602	9,026	9,051	8,592	8,368	8,196	8,157	8,119
SAN JOAQUIN	9,882	9,779	9,464	9,492	9,356	9,051	8,779	8,719	8,647	8,853
SAN LUIS OBISPO	3,030	3,006	2,638	2,670	2,689	2,652	2,488	2,491	2,373	2,357
SAN MATEO	10,839	10,690	10,558	10,302	10,362	9,972	10,042	10,050	10,142	10,108
SANTA BARBARA	6,752	6,640	6,590	6,601	6,400	5,814	5,977	5,789	5,764	5,496
SANTA CLARA	28,080	27,881	27,481	26,975	26,639	25,983	26,646	26,416	26,659	26,266
SANTA CRUZ	4,317	4,125	4,037	3,888	3,676	3,475	3,419	3,559	3,421	3,446
SHASTA	2,304	2,232	2,250	2,134	2,120	2,034	2,050	2,000	1,943	1,845
SIERRA	21	19	23	20	19	23	16	12	19	12
SISKIYOU	599	499	391	511	460	492	532	425	461	462
SOLANO	6,669	6,449	6,523	6,212	5,937	5,694	5,806	5,475	5,510	5,539
SONOMA	6,113	6,096	5,804	5,614	5,507	5,442	5,503	5,409	5,472	5,420
STANISLAUS	7,913	7,654	7,560	7,464	7,412	7,284	7,166	6,790	6,927	7,115
SUTTER	1,219	1,246	1,281	1,159	1,236	1,160	1,143	1,210	1,158	1,127
TEHAMA	787	750	719	789	770	728	672	627	651	634
TRINITY	177	149	157	137	121	123	145	100	121	90
TULARE	7,248	7,322	7,442	7,280	7,353	7,150	7,194	6,934	6,890	6,762
TUOLUMNE	566	559	546	470	467	492	463	467	429	440
VENTURA	12,721	12,828	12,513	12,183	11,874	12,069	11,665	11,281	11,576	11,444
YOLO	2,394	2,412	2,396	2,292	2,275	2,188	2,154	2,106	2,148	2,142
YUBA	1,408	1,302	1,335	1,280	1,231	1,184	1,093	1,046	984	1,006

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-20
NUMBER AND PERCENT OF LIVE BIRTHS TO TEEN MOTHERS
CALIFORNIA COUNTIES, 1990-1999
(By Place of Residence)

	LIVE BIRTHS TO TEEN MOTHERS ¹										PERCENT OF ALL LIVE BIRTHS									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
CALIFORNIA	69,560	70,322	69,272	68,519	68,198	66,644	63,118	59,851	58,141	56,577	11.4	11.5	11.5	11.7	12.0	12.1	11.7	11.4	11.2	10.9
ALAMEDA	2,173	2,179	2,211	2,053	1,911	1,991	1,830	1,777	1,755	1,597	9.3	9.4	9.7	9.4	8.9	9.5	8.9	8.6	8.4	7.8
ALPINE	4	4	3	-	1	4	1	1	2	-	a	a	a	-	a	a	a	a	a	-
AMADOR	32	23	31	31	31	35	37	36	26	29	9.9	8.3	10.1	11.3	11.2	12.8	12.8	13.3	9.9	11.0
BUTTE	354	325	383	385	330	391	396	342	326	296	13.4	12.7	14.7	14.8	13.3	15.5	16.0	15.2	14.4	13.1
CALAVERAS	46	43	40	46	43	52	48	38	25	48	11.3	11.1	10.3	12.9	11.3	13.6	15.0	11.6	8.7	14.8
COLUSA	36	48	47	46	52	51	41	40	35	56	13.0	14.5	14.8	14.2	15.6	16.1	13.6	13.0	11.1	16.7
CONTRA COSTA	1,117	1,111	1,021	1,080	1,070	1,072	1,093	1,055	1,004	978	8.2	8.3	8.0	8.5	8.6	8.6	8.9	8.6	8.0	7.8
DEL NORTE	63	67	65	53	62	63	54	62	65	63	16.5	16.8	18.2	15.1	18.1	20.3	16.2	19.1	20.6	21.1
EL DORADO	159	174	135	167	167	176	150	155	149	153	8.0	8.9	7.6	9.3	9.3	10.2	9.0	9.3	8.9	9.3
FRESNO	2,513	2,630	2,596	2,678	2,654	2,633	2,517	2,535	2,459	2,409	16.2	16.3	16.1	16.6	17.1	17.5	17.2	18.0	17.1	17.2
GLENN	67	66	64	58	64	65	61	65	63	54	14.2	13.6	13.3	13.8	13.9	14.7	13.9	15.2	16.6	14.0
HUMBOLDT	224	232	222	221	205	217	197	185	181	179	12.4	13.4	13.6	13.7	12.8	13.8	13.1	12.5	12.4	12.3
IMPERIAL	376	382	468	486	430	388	400	381	399	383	13.4	13.5	15.8	17.1	15.8	14.7	16.0	16.0	16.0	15.5
INYO	34	35	33	27	38	32	37	33	31	30	13.4	14.9	13.9	13.1	17.8	13.2	16.7	17.4	15.4	15.8
KERN	1,936	2,054	2,092	2,050	2,189	2,146	1,952	1,928	1,953	1,923	15.5	15.8	16.1	16.4	17.4	18.0	16.9	17.1	17.0	16.9
KINGS	382	407	385	385	392	387	381	369	373	379	16.8	17.8	16.8	16.7	17.5	18.1	16.9	17.7	17.2	17.6
LAKE	126	121	115	97	122	107	117	99	110	84	17.1	16.3	15.6	15.3	18.6	15.9	20.1	17.5	19.4	14.5
LASSEN	56	50	49	57	55	62	48	39	51	39	16.0	15.9	15.2	18.1	18.0	20.8	16.2	11.9	17.3	13.7
LOS ANGELES	23,945	24,321	23,416	22,628	22,091	21,612	19,958	18,530	17,923	17,143	11.7	12.0	11.9	11.9	12.2	12.4	11.8	11.4	11.3	11.0
MADERA	333	357	337	390	390	399	371	381	359	331	18.1	18.2	16.9	19.6	20.1	20.0	18.5	19.2	17.3	16.9
MARIN	106	108	122	121	119	93	119	111	79	91	3.5	3.6	4.2	4.3	4.3	3.6	4.5	4.2	3.1	3.4
MARIPOSA	20	28	19	17	22	21	11	19	18	21	10.8	14.7	12.2	9.6	12.0	13.9	7.1	14.1	13.3	16.7
MENDOCINO	167	155	150	170	197	202	167	139	156	147	13.6	13.0	13.2	15.4	17.2	17.9	16.4	13.6	14.4	14.5
MERCED	679	709	712	708	751	768	674	620	558	648	15.7	16.3	16.7	16.2	18.1	19.1	18.1	17.2	15.8	17.7
MODOC	22	18	14	22	21	14	25	23	11	6	15.6	16.5	16.9	17.2	17.2	11.5	21.9	23.5	13.6	8.8
MONO	6	14	14	5	8	9	9	14	9	6	4.1	9.4	9.7	3.6	6.3	6.6	7.5	11.9	6.7	5.0
MONTEREY	950	1,009	1,042	983	972	936	900	925	872	858	12.0	12.4	12.7	13.1	13.8	13.7	13.6	13.8	12.8	12.8
NAPA	128	134	120	130	142	163	158	126	138	130	8.5	8.7	7.9	8.3	9.4	11.1	10.5	8.4	9.3	8.7
NEVADA	93	82	86	75	86	86	86	89	85	65	9.3	9.2	9.6	8.6	10.2	10.3	10.8	11.2	11.2	8.4
ORANGE	4,675	4,748	4,715	4,529	4,535	4,268	4,247	3,944	3,698	3,676	9.1	9.2	9.1	8.9	9.1	8.8	8.8	8.3	8.0	7.9
PLACER	197	239	214	244	244	262	229	214	194	196	7.6	8.6	8.1	9.3	9.1	9.1	8.3	8.2	7.3	6.6
PLUMAS	33	27	29	31	25	31	24	15	20	15	18.1	12.6	16.2	14.6	13.8	18.5	16.2	9.6	15.9	10.9
RIVERSIDE	3,361	3,238	3,240	3,381	3,424	3,409	3,284	3,222	3,206	3,158	13.3	12.7	12.8	13.5	13.8	14.1	14.0	13.8	13.8	13.4
SACRAMENTO	2,531	2,359	2,490	2,519	2,432	2,362	2,131	2,099	2,110	2,004	12.9	11.9	12.7	13.0	13.1	12.6	11.9	12.1	11.9	11.3
SAN BENITO	110	84	111	96	98	113	124	109	119	110	15.0	11.5	14.7	11.9	13.2	14.2	15.5	12.3	13.4	11.3
SAN BERNARDINO	4,429	4,507	4,448	4,546	4,534	4,485	4,316	4,128	4,073	4,118	13.3	13.6	13.6	14.1	14.4	14.9	14.7	14.6	14.4	14.5
SAN DIEGO	5,203	5,180	5,376	5,203	5,239	4,937	4,831	4,192	4,277	4,284	10.3	10.4	10.6	10.6	11.0	10.8	10.8	9.7	9.8	9.9
SAN FRANCISCO	808	806	707	654	669	637	588	584	488	488	8.0	8.2	7.4	7.2	7.4	7.4	7.0	7.1	6.0	6.0
SAN JOAQUIN	1,453	1,443	1,373	1,421	1,457	1,454	1,328	1,367	1,228	1,303	14.7	14.8	14.5	15.0	15.6	16.1	15.1	15.7	14.2	14.7
SAN LUIS OBISPO	291	292	267	266	271	273	249	242	256	237	9.6	9.7	10.1	10.0	10.1	10.3	10.0	9.7	10.8	10.1
SAN MATEO	716	742	688	751	726	719	702	677	688	609	6.6	6.9	6.5	7.3	7.0	7.2	7.0	6.7	6.8	6.0
SANTA BARBARA	729	753	794	850	797	705	724	715	678	603	10.8	11.3	12.0	12.9	12.5	12.1	12.1	12.4	11.8	11.0
SANTA CLARA	2,424	2,461	2,365	2,305	2,385	2,204	2,137	2,143	2,018	1,871	8.6	8.8	8.6	8.5	9.0	8.5	8.0	8.1	7.6	7.1
SANTA CRUZ	402	416	382	418	410	410	367	342	351	316	9.3	10.1	9.5	10.8	11.2	11.8	10.7	9.6	10.3	9.2
SHASTA	325	308	334	324	311	300	322	329	309	286	14.1	13.8	14.8	15.2	14.7	14.7	15.7	16.5	15.9	15.5
SIERRA	2	5	5	5	2	3	1	2	3	-	a	26.3	21.7	25.0	a	a	a	a	a	-
SISKIYOU	91	77	57	76	80	79	73	80	68	74	15.2	15.4	14.6	14.9	17.4	16.1	13.7	18.8	14.8	16.0
SOLANO	699	720	764	740	705	686	700	651	611	639	10.5	11.2	11.7	11.9	11.9	12.0	12.1	11.9	11.1	11.5
SONOMA	509	501	466	494	548	534	504	525	497	505	8.3	8.2	8.0	8.8	10.0	9.8	9.2	9.7	9.1	9.3

TABLE 2-20
NUMBER AND PERCENT OF LIVE BIRTHS TO TEEN MOTHERS
CALIFORNIA COUNTIES, 1990-1999
(By Place of Residence)

	LIVE BIRTHS TO TEEN MOTHERS ¹										PERCENT OF ALL LIVE BIRTHS									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
STANISLAUS	1,155	1,068	1,016	1,067	1,117	1,070	1,084	1,037	995	928	14.6	14.0	13.4	14.3	15.1	14.7	15.1	15.3	14.4	13.0
SUTTER	158	174	174	159	172	177	141	145	157	120	13.0	14.0	13.6	13.7	13.9	15.3	12.3	12.0	13.6	10.6
TEHAMA	120	115	101	118	145	132	115	108	109	126	15.2	15.3	14.0	15.0	18.8	18.1	17.1	17.2	16.7	19.9
TRINITY	28	25	25	21	23	16	18	20	21	17	15.8	16.8	15.9	15.3	19.0	13.0	12.4	20.0	17.4	18.9
TULARE	1,242	1,285	1,284	1,320	1,441	1,380	1,387	1,283	1,287	1,223	17.1	17.5	17.3	18.1	19.6	19.3	19.3	18.5	18.7	18.1
TUOLUMNE	47	58	60	56	53	80	65	66	56	54	8.3	10.4	11.0	11.9	11.3	16.3	14.0	14.1	13.1	12.3
VENTURA	1,190	1,298	1,290	1,243	1,218	1,247	1,159	1,103	1,041	1,100	9.4	10.1	10.3	10.2	10.3	10.3	9.9	9.8	9.0	9.6
YOLO	252	265	272	281	318	275	236	231	219	202	10.5	11.0	11.4	12.3	14.0	12.6	11.0	11.0	10.2	9.4
YUBA	233	242	233	232	204	221	194	161	149	169	16.5	18.6	17.5	18.1	16.6	18.7	17.7	15.4	15.1	16.8

¹ Teen mothers include ages 15-19 years.

- Represents zero events.

a Percents are not calculated for fewer than five events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-21. NUMBER AND PERCENT OF LIVE BIRTHS WITH LATE OR NO PRENATAL CARE, CALIFORNIA COUNTIES, 1990-1999 (By Place of Residence)

	LATE OR NO PRENATAL CARE										PERCENT OF ALL LIVE BIRTHS									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1,999	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
CALIFORNIA	42,553	38,277	31,755	29,185	27,458	25,099	20,328	19,244	18,650	16,319	7.0	6.3	5.3	5.0	4.8	4.6	3.8	3.7	3.6	3.1
ALAMEDA	828	630	582	491	588	479	378	437	484	422	3.6	2.7	2.6	2.2	2.7	2.3	1.8	2.1	2.3	2.1
ALPINE	2	1	1	-	-	2	-	-	3	1	a	a	a	-	-	a	-	-	a	a
AMADOR	11	5	6	5	6	6	7	4	5	4	3.4	1.8	2.0	1.8	2.2	2.4	2.4	a	1.9	a
BUTTE	152	141	126	151	143	136	118	131	121	96	5.8	5.5	4.8	5.8	5.8	5.4	4.8	5.8	5.3	4.3
CALAVERAS	19	18	19	13	21	17	6	11	8	9	4.7	4.7	4.9	3.7	5.5	4.5	1.9	3.4	2.8	2.8
COLUSA	43	51	39	44	37	25	25	15	23	27	15.5	15.4	12.3	13.6	11.1	7.9	8.3	4.9	7.3	8.1
CONTRA COSTA	522	585	459	437	452	482	409	345	358	301	3.8	4.4	3.6	3.5	3.6	3.9	3.3	2.8	2.9	2.4
DEL NORTE	38	34	25	29	28	21	11	11	10	11	10.0	8.5	7.0	8.3	8.2	6.8	3.3	3.4	3.2	3.7
EL DORADO	126	75	48	79	42	51	45	53	34	53	6.3	3.8	2.7	4.4	2.3	3.0	2.7	3.2	2.0	3.2
FRESNO	855	667	552	582	663	483	480	519	439	426	5.5	4.1	3.4	3.6	4.3	3.2	3.3	3.7	3.1	3.0
GLENN	36	21	36	18	26	32	23	14	18	21	7.6	4.3	7.5	4.3	5.6	7.2	5.2	3.3	4.7	5.4
HUMBOLDT	85	90	75	95	101	114	78	71	65	41	4.7	5.2	4.6	5.9	6.3	7.2	5.2	4.8	4.5	2.8
IMPERIAL	405	336	355	329	295	209	210	188	155	150	14.5	11.8	12.0	11.5	10.8	7.9	8.4	7.9	6.2	6.1
INYO	33	24	12	17	23	23	20	11	12	11	13.0	10.2	5.1	8.3	10.7	9.5	9.0	5.8	6.0	5.8
KERN	965	992	862	792	1,077	837	592	486	381	253	7.7	7.6	6.6	6.3	8.5	7.0	5.1	4.3	3.3	2.2
KINGS	234	230	223	172	159	116	89	59	110	76	10.3	10.1	9.7	7.5	7.1	5.4	3.9	2.8	5.1	3.5
LAKE	80	55	44	48	50	74	49	40	42	43	10.9	7.4	6.0	7.6	7.6	11.0	8.4	7.1	7.4	7.4
LASSEN	19	18	16	15	14	23	11	11	14	9	5.4	5.7	5.0	4.8	4.6	7.7	3.7	3.4	4.8	3.2
LOS ANGELES	12,864	11,464	9,542	8,550	7,120	6,213	5,005	4,790	4,487	3,855	6.3	5.7	4.8	4.5	3.9	3.6	3.0	3.0	2.8	2.5
MADERA	137	139	114	113	128	129	82	85	101	86	7.4	7.1	5.7	5.7	6.6	6.5	4.1	4.3	4.9	4.4
MARIN	74	61	52	43	72	72	74	56	52	39	2.4	2.1	1.8	1.5	2.6	2.8	2.8	2.1	2.0	1.5
MARIPOSA	13	10	5	12	16	8	5	6	8	6	7.0	5.3	3.2	6.7	8.7	5.3	3.2	4.4	5.9	4.8
MENDOCINO	177	107	116	140	170	165	74	76	94	103	14.4	9.0	10.2	12.7	14.8	14.6	7.2	7.4	8.7	10.2
MERCED	391	410	322	323	294	247	220	258	294	325	9.0	9.4	7.6	7.4	7.1	6.1	5.9	7.1	8.3	8.9
MODOC	7	11	4	7	7	9	5	4	5	3	5.0	10.1	a	5.5	5.7	7.4	4.4	a	6.2	a
MONO	13	22	14	11	10	10	3	8	7	6	8.8	14.8	9.7	8.0	7.9	7.4	a	6.8	5.2	5.0
MONTEREY	688	851	805	704	496	476	350	281	269	311	8.7	10.5	9.8	9.4	7.0	7.0	5.3	4.2	3.9	4.6
NAPA	60	63	57	70	61	63	64	39	69	64	4.0	4.1	3.7	4.5	4.1	4.3	4.2	2.6	4.7	4.3
NEVADA	44	34	23	25	30	23	28	21	28	17	4.4	3.8	2.6	2.9	3.6	2.8	3.5	2.6	3.7	2.2
ORANGE	4,015	3,573	2,869	2,137	1,944	1,672	1,522	1,427	1,198	1,129	7.8	7.0	5.5	4.2	3.9	3.4	3.2	3.0	2.6	2.4
PLACER	103	100	65	86	77	90	83	55	53	59	4.0	3.6	2.5	3.3	2.9	3.1	3.0	2.1	2.0	2.0
PLUMAS	13	5	6	2	5	9	8	3	3	3	7.1	2.3	3.4	a	2.8	5.4	5.4	a	a	a
RIVERSIDE	3,246	2,270	1,787	1,701	1,682	1,617	1,340	1,284	1,299	1,002	12.9	8.9	7.1	6.8	6.8	6.7	5.7	5.5	5.6	4.3
SACRAMENTO	1,111	1,236	1,132	1,192	1,031	1,301	925	841	839	713	5.7	6.2	5.8	6.2	5.6	6.9	5.2	4.9	4.7	4.0
SAN BENITO	64	93	52	28	12	18	21	16	25	11	8.7	12.7	6.9	3.5	1.6	2.3	2.6	1.8	2.8	1.1
SAN BERNARDINO	2,947	2,298	1,828	2,136	2,162	2,013	1,519	1,392	1,411	1,253	8.8	7.0	5.6	6.6	6.9	6.7	5.2	4.9	5.0	4.4
SAN DIEGO	4,936	4,538	3,875	3,534	3,281	3,012	2,447	2,440	2,241	1,905	9.8	9.1	7.6	7.2	6.9	6.6	5.5	5.6	5.2	4.4
SAN FRANCISCO	619	560	456	358	395	311	213	244	248	246	6.1	5.7	4.7	4.0	4.4	3.6	2.5	3.0	3.0	3.0
SAN JOAQUIN	965	954	668	612	658	513	472	491	549	540	9.8	9.8	7.1	6.4	7.0	5.7	5.4	5.6	6.3	6.1
SAN LUIS OBISPO	186	172	111	89	116	133	103	82	84	55	6.1	5.7	4.2	3.3	4.3	5.0	4.1	3.3	3.5	2.3
SAN MATEO	464	424	306	283	307	317	286	323	289	264	4.3	4.0	2.9	2.7	3.0	3.2	2.8	3.2	2.8	2.6
SANTA BARBARA	406	504	422	341	275	270	245	206	202	215	6.0	7.6	6.4	5.2	4.3	4.6	4.1	3.6	3.5	3.9
SANTA CLARA	1,186	1,219	1,031	1,040	1,135	958	811	681	681	662	4.2	4.4	3.8	3.9	4.3	3.7	3.0	2.6	2.6	2.5
SANTA CRUZ	216	232	220	178	137	136	124	83	105	82	5.0	5.6	5.4	4.6	3.7	3.9	3.6	2.3	3.1	2.4
SHASTA	64	63	55	58	84	78	49	50	54	51	2.8	2.8	2.4	2.7	4.0	3.8	2.4	2.5	2.8	2.8
SIERRA	-	2	1	-	1	1	-	1	-	-	-	a	a	-	a	a	-	a	-	-
SISKIYOU	43	35	16	26	38	37	31	16	26	9	7.2	7.0	4.1	5.1	8.3	7.5	5.8	3.8	5.6	1.9
SOLANO	366	400	308	351	366	489	407	325	322	278	5.5	6.2	4.7	5.7	6.2	8.6	7.0	5.9	5.8	5.0
SONOMA	194	177	166	170	156	135	106	107	151	112	3.2	2.9	2.9	3.0	2.8	2.5	1.9	2.0	2.8	2.1
STANISLAUS	434	332	272	303	282	297	220	234	238	224	5.5	4.3	3.6	4.1	3.8	4.1	3.1	3.4	3.4	3.1
SUTTER	115	116	134	101	106	85	69	83	70	70	9.4	9.3	10.5	8.7	8.6	7.3	6.0	6.9	6.0	6.2
TEHAMA	71	45	35	38	47	39	34	30	21	22	9.0	6.0	4.9	4.8	6.1	5.4	5.1	4.8	3.2	3.5
TRINITY	16	6	9	7	3	4	2	3	10	4	9.0	4.0	5.7	5.1	a	a	a	a	8.3	a
TULARE	892	731	645	498	426	402	395	364	398	245	12.3	10.0	8.7	6.8	5.8	5.6	5.5	5.2	5.8	3.6
TUOLUMNE	19	7	6	13	10	13	10	7	7	9	3.4	1.3	1.1	2.8	2.1	2.6	2.2	1.5	1.6	2.0
VENTURA	617	727	456	302	289	304	202	205	210	179	4.9	5.7	3.6	2.5	2.4	2.5	1.7	1.8	1.8	1.6
YOLO	194	151	149	150	169	198	135	128	149	127	8.1	6.3	6.2	6.5	7.4	9.0	6.3	6.1	6.9	5.9
YUBA	130	162	141	136	135	102	88	93	71	81	9.2	12.4	10.6	10.6	11.0	8.6	8.1	8.9	7.2	8.1

- Represents zero events. a Percents are not calculated for fewer than five events.

Note: Late prenatal care is care beginning in the third trimester.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-22. NUMBER AND PERCENT OF LOW BIRTHWEIGHT BIRTHS, CALIFORNIA COUNTIES, 1990-1999 (By Place of Residence)

	LOW BIRTHWEIGHT BIRTHS										PERCENT OF ALL LIVE BIRTHS									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
CALIFORNIA	35,474	35,359	35,608	35,116	34,876	33,588	32,649	32,232	32,438	31,686	5.8	5.8	5.9	6.0	6.2	6.1	6.1	6.2	6.1	6.1
ALAMEDA	1,543	1,676	1,632	1,492	1,594	1,454	1,440	1,436	1,502	1,342	6.6	7.2	7.2	6.8	7.5	6.9	7.0	6.9	7.2	6.5
ALPINE	-	2	1	-	-	-	-	-	-	-	-	a	a	-	-	-	-	-	-	-
AMADOR	20	12	11	8	13	13	11	16	17	14	6.2	4.3	3.6	2.9	4.7	5.3	3.8	5.9	6.5	5.3
BUTTE	137	108	126	143	155	131	122	103	107	123	5.2	4.2	4.8	5.5	6.2	5.2	4.9	4.6	4.7	5.5
CALAVERAS	25	18	23	12	25	28	17	15	12	19	6.1	4.7	5.9	3.4	6.6	7.3	5.3	4.6	4.2	5.8
COLUSA	12	11	8	16	17	27	10	14	20	22	4.3	3.3	2.5	4.9	5.1	8.5	3.3	4.6	6.4	6.6
CONTRA COSTA	825	830	777	769	802	744	776	774	794	800	6.1	6.2	6.1	6.1	6.5	6.0	6.3	6.3	6.3	6.4
DEL NORTE	21	7	7	17	24	14	15	24	15	12	5.5	1.8	2.0	4.8	7.0	4.5	4.5	7.4	4.7	4.0
EL DORADO	91	116	104	104	98	96	107	110	86	81	4.6	5.9	5.9	5.8	5.5	5.6	6.4	6.6	5.1	4.9
FRESNO	995	1,100	1,147	1,033	1,059	1,009	947	935	922	903	6.4	6.8	7.1	6.4	6.8	6.7	6.5	6.6	6.4	6.4
GLENN	21	14	32	12	20	18	16	20	15	18	4.5	2.9	6.6	2.9	4.3	4.1	3.6	4.7	3.9	4.7
HUMBOLDT	108	87	63	87	78	77	75	59	76	56	6.0	5.0	3.9	5.4	4.9	4.9	5.0	4.0	5.2	3.9
IMPERIAL	146	147	152	146	144	132	109	115	175	121	5.2	5.2	5.1	5.1	5.3	5.0	4.4	4.8	7.0	4.9
INYO	18	14	18	15	10	16	17	11	12	8	7.1	6.0	7.6	7.3	4.7	6.6	7.7	5.8	6.0	4.2
KERN	828	830	847	869	826	787	760	671	717	689	6.6	6.4	6.5	6.9	6.5	6.6	6.6	6.0	6.2	6.1
KINGS	161	110	142	139	136	120	141	122	118	139	7.1	4.8	6.2	6.0	6.1	5.6	6.3	5.9	5.5	6.5
LAKE	30	44	41	35	32	44	28	32	34	30	4.1	5.9	5.6	5.5	4.9	6.5	4.8	5.7	6.0	5.2
LASSEN	20	10	8	11	21	20	7	16	14	9	5.7	3.2	2.5	3.5	6.9	6.7	2.4	4.9	4.8	3.2
LOS ANGELES	12,283	12,234	12,127	11,698	11,474	11,270	10,761	10,487	10,408	10,232	6.0	6.0	6.1	6.2	6.4	6.4	6.5	6.6	6.6	6.6
MADERA	113	121	103	120	93	115	109	93	119	99	6.1	6.2	5.2	6.0	4.8	5.8	5.4	4.7	5.7	5.1
MARIN	144	130	134	154	156	133	149	142	135	134	4.7	4.4	4.6	5.5	5.7	5.1	5.6	5.4	5.3	5.1
MARIPOSA	11	16	9	14	5	12	5	10	12	5	5.9	8.4	5.8	7.9	2.7	7.9	3.2	7.4	8.9	4.0
MENDOCINO	63	51	61	70	64	51	57	55	58	34	5.1	4.3	5.4	6.3	5.6	4.5	5.6	5.4	5.4	3.4
MERCED	227	248	249	244	212	245	235	216	211	222	5.2	5.7	5.9	5.6	5.1	6.1	6.3	6.0	6.0	6.1
MODOC	11	7	4	9	13	7	7	5	5	4	7.8	6.4	a	7.0	10.7	5.7	6.1	5.1	6.2	a
MONO	13	9	10	11	9	11	5	10	6	8	8.8	6.0	6.9	8.0	7.1	8.1	4.2	8.5	4.4	6.7
MONTEREY	383	405	435	374	411	359	319	371	359	397	4.8	5.0	5.3	5.0	5.8	5.3	4.8	5.5	5.3	5.9
NAPA	72	71	61	70	64	62	59	67	74	77	4.8	4.6	4.0	4.5	4.3	4.2	3.9	4.5	5.0	5.2
NEVADA	42	51	31	43	36	41	48	41	43	43	4.2	5.7	3.4	4.9	4.3	4.9	6.0	5.2	5.7	5.6
ORANGE	2,618	2,591	2,714	2,662	2,625	2,613	2,488	2,521	2,538	2,578	5.1	5.0	5.2	5.2	5.2	5.4	5.2	5.3	5.5	5.5
PLACER	125	156	119	122	149	143	127	131	133	131	4.8	5.6	4.5	4.6	5.6	5.0	4.6	5.0	5.0	4.4
PLUMAS	8	15	13	7	11	10	10	3	3	3	4.4	7.0	7.3	3.3	6.1	6.0	6.8	a	a	a
RIVERSIDE	1,471	1,465	1,517	1,586	1,559	1,394	1,440	1,528	1,437	1,355	5.8	5.7	6.0	6.3	6.3	5.8	6.1	6.6	6.2	5.8
SACRAMENTO	1,219	1,145	1,242	1,226	1,252	1,230	1,097	1,190	1,200	1,165	6.2	5.8	6.3	6.3	6.8	6.6	6.1	6.9	6.8	6.6
SAN BENITO	32	23	64	36	39	39	39	36	44	47	4.4	3.2	8.5	4.5	5.3	4.9	4.9	4.1	4.9	4.8
SAN BERNARDINO	2,177	2,076	2,138	2,129	2,074	2,018	1,941	1,895	1,771	1,788	6.5	6.3	6.5	6.6	6.6	6.7	6.6	6.7	6.3	6.3
SAN DIEGO	2,846	2,714	2,845	2,956	2,821	2,553	2,614	2,518	2,603	2,563	5.6	5.5	5.6	6.0	5.9	5.6	5.8	5.8	6.0	5.9
SAN FRANCISCO	681	743	615	625	605	610	559	541	583	551	6.7	7.5	6.4	6.9	6.7	7.1	6.7	6.6	7.1	6.8
SAN JOAQUIN	599	617	614	633	634	567	578	570	554	492	6.1	6.3	6.5	6.7	6.8	6.3	6.6	6.5	6.4	5.6
SAN LUIS OBISPO	141	193	107	147	131	121	136	134	109	116	4.7	6.4	4.1	5.5	4.9	4.6	5.5	5.4	4.6	4.9
SAN MATEO	557	591	608	543	554	586	577	592	685	586	5.1	5.5	5.8	5.3	5.3	5.9	5.7	5.9	6.8	5.8
SANTA BARBARA	328	343	329	343	344	332	363	336	346	302	4.9	5.2	5.0	5.2	5.4	5.7	6.1	5.8	6.0	5.5
SANTA CLARA	1,481	1,456	1,500	1,430	1,514	1,573	1,599	1,551	1,612	1,620	5.3	5.2	5.5	5.3	5.7	6.1	6.0	5.9	6.0	6.2
SANTA CRUZ	196	196	176	179	205	164	150	180	188	182	4.5	4.8	4.4	4.6	5.6	4.7	4.4	5.1	5.5	5.3
SHASTA	117	96	111	100	119	114	102	96	106	95	5.1	4.3	4.9	4.7	5.6	5.6	5.0	4.8	5.5	5.1
SIERRA	1	1	-	-	3	-	-	-	-	1	a	a	-	-	a	-	-	-	-	a
SISKIYOU	33	20	18	25	14	37	30	24	23	25	5.5	4.0	4.6	4.9	3.0	7.5	5.6	5.6	5.0	5.4
SOLANO	385	383	401	420	385	361	366	349	351	384	5.8	5.9	6.1	6.8	6.5	6.3	6.3	6.4	6.4	6.9
SONOMA	280	270	277	276	254	302	299	267	272	311	4.6	4.4	4.8	4.9	4.6	5.5	5.4	4.9	5.0	5.7
STANISLAUS	443	392	419	477	487	427	439	450	454	417	5.6	5.1	5.5	6.4	6.6	5.9	6.1	6.6	6.6	5.9
SUTTER	71	52	67	81	70	52	75	73	79	68	5.8	4.2	5.2	7.0	5.7	4.5	6.6	6.0	6.8	6.0
TEHAMA	47	36	28	43	34	49	34	28	27	30	6.0	4.8	3.9	5.4	4.4	6.7	5.1	4.5	4.1	4.7
TRINITY	8	7	7	6	9	10	7	5	13	4	4.5	4.7	4.5	4.4	7.4	8.1	4.8	5.0	10.7	a
TULARE	388	399	405	415	449	397	409	360	393	377	5.4	5.4	5.4	5.7	6.1	5.6	5.7	5.2	5.7	5.6
TUOLUMNE	38	24	39	38	40	23	25	27	25	26	6.7	4.3	7.1	8.1	8.6	4.7	5.4	5.8	5.8	5.9
VENTURA	640	678	690	679	677	644	609	659	622	653	5.0	5.3	5.5	5.6	5.7	5.3	5.2	5.8	5.4	5.7
YOLO	115	128	112	130	145	112	119	125	126	101	4.8	5.3	4.7	5.7	6.4	5.1	5.5	5.9	5.9	4.7
YUBA	66	70	70	87	82	71	65	73	75	74	4.7	5.4	5.2	6.8	6.7	6.0	5.9	7.0	7.6	7.4

- Represents zero events.

a Percents are not calculated for fewer than five events.

Note: Low birthweight is less than 2,500 grams (5lb. 8oz.).

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-23
LIVE BIRTHS BY AGE OF MOTHER (DETAILED UNDER AGE 20)
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	AGE OF MOTHER													
		UNDER 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
CALIFORNIA	518,073	1,038	2,876	6,671	10,662	15,526	20,842	56,577	120,270	137,637	121,779	65,532	14,272	904	64
ALAMEDA	20,547	38	87	185	329	423	573	1,597	3,831	5,504	5,641	3,236	658	42	-
Berkeley ¹	944	1	3	2	8	11	13	37	115	194	283	251	61	2	-
ALPINE	12	-	-	-	-	-	-	-	2	2	5	3	-	-	-
AMADOR	264	-	1	4	3	6	15	29	71	61	60	30	13	-	-
BUTTE	2,256	6	14	24	56	91	111	296	609	633	450	216	44	2	-
CALAVERAS	325	-	1	5	4	20	18	48	71	89	65	42	10	-	-
COLUSA	335	1	2	10	11	17	16	56	103	81	61	23	10	-	-
CONTRA COSTA	12,586	18	44	104	153	304	373	978	2,238	3,256	3,516	2,092	452	34	2
DEL NORTE	298	-	4	7	8	16	28	63	91	76	41	19	8	-	-
EL DORADO	1,637	2	1	17	31	49	55	153	325	398	418	269	71	1	-
FRESNO	14,019	63	154	325	489	683	758	2,409	3,930	3,580	2,507	1,259	254	17	-
GLENN	386	3	2	6	14	13	19	54	112	106	70	36	5	-	-
HUMBOLDT	1,452	1	6	22	30	58	63	179	422	383	279	150	36	2	-
IMPERIAL	2,464	10	16	42	75	94	156	383	699	653	447	230	40	2	-
INYO	190	1	-	2	8	10	10	30	65	41	28	16	9	-	-
KERN	11,377	46	118	262	367	513	663	1,923	3,411	2,872	1,960	962	191	10	2
KINGS	2,149	9	13	44	79	95	148	379	693	497	357	177	34	3	-
LAKE	579	1	1	9	19	25	30	84	176	152	103	45	16	2	-
LASSEN	284	1	1	1	6	12	19	39	85	91	47	19	1	-	1
LOS ANGELES	156,153	323	922	2,069	3,302	4,629	6,221	17,143	36,682	41,811	35,822	19,514	4,524	296	38
Long Beach ¹	8,492	16	40	101	222	307	363	1,033	2,171	2,267	1,821	964	201	18	1
Pasadena ¹	2,384	5	12	22	31	53	80	198	425	615	670	378	75	18	-
MADERA	1,958	7	25	44	62	94	106	331	625	496	308	165	24	2	-
MARIN	2,650	1	5	8	15	23	40	91	250	453	907	704	220	22	2
MARIPOSA	126	-	1	2	2	6	10	21	28	34	24	15	4	-	-
MENDOCINO	1,012	-	8	15	21	54	49	147	328	259	163	92	21	2	-
MERCED	3,658	13	39	74	131	174	230	648	1,096	892	680	271	56	2	-
MODOC	68	-	1	-	-	1	4	6	19	18	18	5	2	-	-
MONO	119	-	-	2	1	2	1	6	33	33	30	12	3	2	-
MONTEREY	6,718	13	37	121	151	209	340	858	1,813	1,836	1,406	631	150	11	-
NAPA	1,493	1	3	10	26	39	52	130	343	391	392	188	45	3	-
NEVADA	770	-	3	2	13	17	30	65	165	191	172	136	37	4	-
ORANGE	46,509	59	170	432	637	1,040	1,397	3,676	9,037	13,002	12,877	6,521	1,260	75	2
PLACER	2,954	2	9	17	42	49	79	196	499	838	880	455	81	3	-
PLUMAS	137	1	2	-	1	5	7	15	42	35	25	16	3	-	-
RIVERSIDE	23,536	56	164	345	567	882	1,200	3,158	6,306	6,442	4,742	2,327	494	11	-
SACRAMENTO	17,737	35	101	221	353	569	760	2,004	4,420	4,804	3,919	2,104	410	37	4
SAN BENITO	974	2	3	18	14	37	38	110	202	276	258	104	22	-	-
SAN BERNARDINO	28,397	61	192	497	781	1,105	1,543	4,118	8,021	7,438	5,517	2,636	565	35	6
SAN DIEGO	43,261	66	187	497	777	1,145	1,678	4,284	10,096	11,547	10,354	5,622	1,219	71	2
SAN FRANCISCO	8,119	11	26	58	87	141	176	488	1,150	1,861	2,546	1,661	375	27	-
SAN JOAQUIN	8,853	31	83	148	265	374	433	1,303	2,424	2,412	1,710	776	183	14	-
SAN LUIS OBISPO	2,357	3	8	29	41	78	81	237	558	648	521	317	67	6	-
SAN MATEO	10,108	12	28	61	118	179	223	609	1,549	2,394	3,088	1,968	458	29	1
SANTA BARBARA	5,496	6	33	73	113	171	213	603	1,304	1,448	1,252	702	172	9	-
SANTA CLARA	26,266	30	92	212	343	509	715	1,871	4,391	6,944	7,777	4,343	863	45	2
SANTA CRUZ	3,446	9	18	33	48	76	141	316	740	841	876	524	128	12	-
SHASTA	1,845	6	11	34	50	74	117	286	572	447	331	172	29	2	-
SIERRA	12	-	-	-	-	-	-	-	1	6	2	3	-	-	-
SISKIYOU	462	-	3	10	15	19	27	74	123	121	83	52	9	-	-
SOLANO	5,539	11	23	77	114	162	263	639	1,372	1,539	1,242	620	112	4	-
SONOMA	5,420	11	20	38	114	139	194	505	1,135	1,477	1,307	792	178	15	-
STANISLAUS	7,115	23	47	109	190	253	329	928	2,068	1,970	1,400	607	109	10	-
SUTTER	1,127	1	2	15	20	35	48	120	312	332	251	94	17	-	-
TEHAMA	634	2	6	7	26	23	64	126	184	159	104	47	10	2	-
TRINITY	90	-	1	2	5	4	5	17	29	20	9	11	4	-	-
TULARE	6,762	23	63	149	235	368	408	1,223	2,111	1,738	1,051	487	121	8	-
TUOLUMNE	440	-	2	3	9	15	25	54	131	114	78	49	14	-	-
VENTURA	11,444	13	54	133	220	291	402	1,100	2,364	3,068	2,924	1,596	353	24	2
YOLO	2,142	3	11	25	38	51	77	202	474	586	518	294	61	4	-
YUBA	1,006	3	8	12	33	55	61	169	339	241	160	75	17	2	-

¹ City Health Department. - Represents zero events.

TABLE 2-24. LIVE BIRTHS BY AGE OF FATHER (DETAILED UNDER AGE 20), CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)

	TOTAL	TOTAL UNDER 20	PERCENT UNDER 20	AGE OF FATHER								
				UNDER 15	15	16	17	18	19	20-24	25 AND OVER	NOT STATED
CALIFORNIA	518,073	21,009	4.1	84	384	1,313	3,207	6,206	9,815	83,783	375,851	37,430
ALAMEDA	20,547	615	3.0	3	7	38	104	178	285	2,402	16,412	1,118
Berkeley ¹	944	12	1.3	-	-	-	1	7	4	76	807	49
ALPINE	12	-	-	-	-	-	-	-	-	-	12	-
AMADOR	264	5	1.9	-	-	1	2	-	2	49	197	13
BUTTE	2,256	99	4.4	-	2	7	18	30	42	410	1,535	212
CALAVERAS	325	16	4.9	-	-	1	4	6	5	63	223	23
COLUSA	335	18	5.4	-	-	-	3	11	4	96	201	20
CONTRA COSTA	12,586	344	2.7	-	5	19	50	93	177	1,584	9,983	675
DEL NORTE	298	26	8.7	-	-	1	3	9	13	55	181	36
EL DORADO	1,637	56	3.4	-	-	-	8	18	30	223	1,239	119
FRESNO	14,019	1,007	7.2	5	26	64	172	317	423	2,915	8,642	1,455
GLENN	386	14	3.6	1	1	-	1	-	11	73	260	39
HUMBOLDT	1,452	57	3.9	-	-	2	7	18	30	278	995	122
IMPERIAL	2,464	160	6.5	1	5	12	19	54	69	521	1,564	219
INYO	190	10	5.3	-	-	1	1	5	3	44	116	20
KERN	11,377	757	6.7	7	18	65	114	218	335	2,462	6,795	1,363
KINGS	2,149	155	7.2	3	6	13	31	42	60	559	1,299	136
LAKE	579	25	4.3	-	-	2	4	7	12	135	367	52
LASSEN	284	16	5.6	-	1	-	-	4	11	55	198	15
LOS ANGELES	156,153	6,172	4.0	24	121	370	1,002	1,805	2,850	24,691	111,823	13,467
Long Beach ¹	8,492	350	4.1	-	6	19	52	108	165	1,368	5,713	1,061
Pasadena ¹	2,384	81	3.4	-	2	5	15	24	35	302	1,870	131
MADERA	1,958	152	7.8	-	3	12	17	45	75	434	1,197	175
MARIN	2,650	19	0.7	-	-	1	3	2	13	169	2,370	92
MARIPOSA	126	13	10.3	-	-	2	1	2	8	17	87	9
MENDOCINO	1,012	57	5.6	-	1	2	7	14	33	231	649	75
MERCED	3,658	249	6.8	4	4	16	42	72	111	808	2,321	280
MODOC	68	2	a	-	-	-	1	1	-	10	50	6
MONO	119	1	a	-	-	-	1	-	-	19	94	5
MONTEREY	6,718	345	5.1	1	5	16	48	100	175	1,326	4,673	374
NAPA	1,493	35	2.3	-	-	5	5	9	16	251	1,151	56
NEVADA	770	14	1.8	-	-	-	3	4	7	117	603	36
ORANGE	46,509	1,182	2.5	4	18	65	173	356	566	5,990	36,812	2,525
PLACER	2,954	64	2.2	-	-	6	4	21	33	333	2,434	123
PLUMAS	137	6	4.4	-	-	1	-	2	3	28	95	8
RIVERSIDE	23,536	1,238	5.3	3	21	75	169	375	595	4,675	15,936	1,687
SACRAMENTO	17,737	725	4.1	4	12	47	97	224	341	2,990	12,530	1,492
SAN BENITO	974	37	3.8	-	1	-	7	12	17	156	743	38
SAN BERNARDINO	28,397	1,765	6.2	9	39	104	274	544	795	5,828	18,456	2,348
SAN DIEGO	43,261	1,587	3.7	3	28	112	241	430	773	7,624	31,851	2,199
SAN FRANCISCO	8,119	162	2.0	2	4	11	26	39	80	747	6,721	489
SAN JOAQUIN	8,853	524	5.9	2	7	29	79	180	227	1,765	5,806	758
SAN LUIS OBISPO	2,357	73	3.1	-	1	3	6	21	42	370	1,800	114
SAN MATEO	10,108	194	1.9	1	3	8	25	65	92	1,004	8,496	414
SANTA BARBARA	5,496	202	3.7	-	6	14	31	59	92	935	4,020	339
SANTA CLARA	26,266	630	2.4	1	12	42	97	179	299	2,787	21,363	1,486
SANTA CRUZ	3,446	101	2.9	-	2	5	10	20	64	507	2,591	247
SHASTA	1,845	102	5.5	1	1	6	11	29	54	431	1,149	163
SIERRA	12	-	-	-	-	-	-	-	-	-	12	-
SISKIYOU	462	34	7.4	-	1	5	6	9	13	83	302	43
SOLANO	5,539	249	4.5	3	5	20	34	80	107	1,025	3,923	342
SONOMA	5,420	167	3.1	-	3	9	19	36	100	780	4,218	255
STANISLAUS	7,115	391	5.5	-	6	35	63	119	168	1,465	4,757	502
SUTTER	1,127	47	4.2	-	-	3	3	13	28	224	799	57
TEHAMA	634	39	6.2	-	-	2	8	12	17	145	388	62
TRINITY	90	10	11.1	-	1	1	-	2	6	17	53	10
TULARE	6,762	478	7.1	1	3	23	67	170	214	1,545	4,076	663
TUOLUMNE	440	25	5.7	-	-	1	5	7	12	78	295	42
VENTURA	11,444	384	3.4	-	3	24	58	100	199	1,677	8,794	589
YOLO	2,142	79	3.7	1	-	8	10	20	40	323	1,589	151
YUBA	1,006	75	7.5	-	2	4	13	18	38	254	605	72

¹ City Health Department.

- Represents zero events.

a Percents not calculated for fewer than five events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-25
LIVE BIRTHS BY MONTH OF BIRTH
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CALIFORNIA	518,073	42,197	39,117	43,727	41,193	41,861	42,438	45,481	46,498	46,282	43,927	41,636	43,716
ALAMEDA	20,547	1,622	1,542	1,767	1,686	1,671	1,713	1,759	1,791	1,833	1,750	1,648	1,765
Berkeley ¹	944	86	71	78	71	83	75	88	81	74	71	81	85
ALPINE	12	-	-	2	2	-	-	2	3	1	2	-	-
AMADOR	264	19	15	23	25	17	25	16	26	24	25	24	25
BUTTE	2,256	162	159	204	183	204	193	213	201	184	197	176	180
CALAVERAS	325	33	29	29	28	20	25	31	27	36	23	26	18
COLUSA	335	22	33	29	25	29	22	39	28	24	28	28	28
CONTRA COSTA	12,586	1,009	911	1,068	1,052	1,038	1,067	1,046	1,150	1,119	1,058	992	1,076
DEL NORTE	298	24	23	36	20	29	22	26	30	19	24	22	23
EL DORADO	1,637	124	114	138	150	150	160	125	138	140	153	109	136
FRESNO	14,019	1,142	1,094	1,136	1,081	1,093	1,158	1,253	1,323	1,259	1,184	1,126	1,170
GLENN	386	35	38	35	25	41	27	25	30	38	35	23	34
HUMBOLDT	1,452	117	111	157	137	110	115	143	121	130	104	106	101
IMPERIAL	2,464	212	161	185	166	182	184	254	251	235	208	198	228
INYO	190	20	10	23	11	14	12	14	16	22	17	20	11
KERN	11,377	946	871	921	883	868	930	1,004	1,048	1,037	977	934	958
KINGS	2,149	163	162	175	186	176	190	184	195	188	204	151	175
LAKE	579	32	40	47	54	51	48	59	54	36	60	51	47
LASSEN	284	31	33	20	27	24	16	26	17	29	22	17	22
LOS ANGELES	156,153	13,007	11,681	13,040	12,095	12,349	12,579	13,653	14,089	13,981	13,533	12,805	13,341
Long Beach ¹	8,492	752	634	690	685	677	680	759	751	729	700	716	719
Pasadena ¹	2,384	196	182	212	196	210	180	225	192	211	217	190	190
MADERA	1,958	149	148	153	160	152	156	168	188	184	165	177	158
MARIN	2,650	208	184	244	243	232	198	245	239	227	209	193	228
MARIPOSA	126	7	11	11	14	7	14	12	19	11	9	6	5
MENDOCINO	1,012	81	81	91	84	90	98	92	79	83	88	80	65
MERCED	3,658	302	275	313	275	280	275	335	349	320	300	296	338
MODOC	68	3	5	2	7	10	10	5	8	7	4	4	3
MONO	119	13	10	9	7	13	12	16	5	12	7	9	6
MONTEREY	6,718	528	493	559	567	542	556	584	608	601	543	552	585
NAPA	1,493	106	115	120	130	124	129	122	149	148	125	113	112
NEVADA	770	63	56	62	68	62	61	71	69	67	68	54	69
ORANGE	46,509	3,831	3,566	4,035	3,680	3,780	3,895	4,075	4,122	4,116	3,910	3,657	3,842
PLACER	2,954	232	210	226	269	282	268	275	267	267	217	206	217
PLUMAS	137	10	9	9	8	13	11	15	19	11	19	5	8
RIVERSIDE	23,536	1,901	1,783	1,962	1,850	1,833	1,991	2,087	2,239	2,067	1,934	1,840	2,049
SACRAMENTO	17,737	1,431	1,348	1,481	1,424	1,493	1,442	1,623	1,606	1,562	1,431	1,422	1,474
SAN BENITO	974	59	71	92	66	60	88	94	103	90	82	96	73
SAN BERNARDINO	28,397	2,301	2,207	2,341	2,347	2,269	2,334	2,472	2,466	2,593	2,370	2,298	2,399
SAN DIEGO	43,261	3,432	3,264	3,582	3,415	3,476	3,491	3,788	3,930	3,997	3,684	3,511	3,691
SAN FRANCISCO	8,119	684	641	717	623	664	672	648	745	659	683	659	724
SAN JOAQUIN	8,853	738	651	770	682	752	730	804	795	791	725	679	736
SAN LUIS OBISPO	2,357	206	160	203	193	187	196	224	219	198	191	173	207
SAN MATEO	10,108	764	749	859	832	891	859	849	890	900	890	845	780
SANTA BARBARA	5,496	446	407	471	449	431	435	514	461	487	448	462	485
SANTA CLARA	26,266	2,140	2,040	2,242	2,137	2,278	2,127	2,324	2,250	2,296	2,143	2,124	2,165
SANTA CRUZ	3,446	287	270	292	273	302	274	306	284	306	306	268	278
SHASTA	1,845	156	160	166	154	153	155	148	139	183	162	143	126
SIERRA	12	-	2	1	1	-	1	5	-	-	1	-	1
SISKIYOU	462	36	31	38	42	40	41	50	34	36	36	40	38
SOLANO	5,539	482	431	488	480	434	431	466	510	443	498	425	451
SONOMA	5,420	442	397	486	476	456	450	480	470	476	457	408	422
STANISLAUS	7,115	524	592	616	553	578	595	637	644	642	608	542	584
SUTTER	1,127	102	87	94	98	72	86	89	95	102	97	92	113
TEHAMA	634	50	47	53	47	43	59	70	58	44	57	52	54
TRINITY	90	10	6	5	7	5	4	10	15	6	7	7	8
TULARE	6,762	519	501	580	525	567	559	598	565	649	566	551	582
TUOLUMNE	440	35	39	43	32	36	36	47	37	37	29	33	37
VENTURA	11,444	950	839	987	869	930	929	983	1,012	1,042	979	933	991
YOLO	2,142	170	141	194	181	172	186	202	176	185	185	157	192
YUBA	1,006	79	63	95	89	86	81	83	79	111	90	68	82

¹ City Health Department.

- Represents zero events.

TABLE 2-26
LIVE BIRTHS BY PLACE OF BIRTH
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Occurrence)

COUNTY	TOTAL	IN HOSPITAL	NOT IN HOSPITAL	IN TRANSIT	UNKNOWN
CALIFORNIA	519,248	515,235	1,974	634	1,405
ALAMEDA	21,490	21,254	97	92	47
Berkeley ¹	945	918	7	20	-
ALPINE	1	-	1	-	-
AMADOR	226	224	-	2	-
BUTTE	2,670	2,649	11	4	6
CALAVERAS	8	8	-	-	-
COLUSA	177	175	1	-	1
CONTRA COSTA	10,620	10,536	43	7	34
DEL NORTE	298	296	-	-	2
EL DORADO	1,229	1,212	15	-	2
FRESNO	14,635	14,538	42	7	48
GLENN	2	-	1	1	-
HUMBOLDT	1,474	1,414	55	1	4
IMPERIAL	2,369	2,360	-	1	8
INYO	278	275	1	1	1
KERN	10,920	10,801	44	13	62
KINGS	2,549	2,537	2	2	8
LAKE	411	410	1	-	-
LASSEN	273	266	5	1	1
LOS ANGELES	159,446	158,482	371	219	374
Long Beach ¹	8,486	8,460	7	18	1
Pasadena ¹	2,385	2,371	11	3	-
MADERA	1,418	1,380	12	21	5
MARIN	1,816	1,774	36	1	5
MARIPOSA	6	2	4	-	-
MENDOCINO	968	939	23	1	5
MERCED	2,999	2,946	18	2	33
MODOC	44	43	1	-	-
MONO	22	10	-	-	12
MONTEREY	6,297	6,242	36	3	16
NAPA	1,203	1,192	7	1	3
NEVADA	886	856	29	-	1
ORANGE	49,105	48,890	107	25	83
PLACER	2,379	2,338	23	2	16
PLUMAS	114	112	2	-	-
RIVERSIDE	21,899	21,779	60	9	51
SACRAMENTO	19,767	19,622	75	13	57
SAN BENITO	588	584	2	-	2
SAN BERNARDINO	25,341	25,160	92	26	63
SAN DIEGO	44,384	44,075	136	24	149
SAN FRANCISCO	11,494	11,380	71	8	35
SAN JOAQUIN	8,563	8,494	39	12	18
SAN LUIS OBISPO	2,220	2,181	26	1	12
SAN MATEO	6,160	6,114	31	4	11
SANTA BARBARA	5,672	5,622	40	3	7
SANTA CLARA	30,616	30,430	83	15	88
SANTA CRUZ	3,539	3,427	99	-	13
SHASTA	1,865	1,837	21	1	6
SIERRA	1	-	1	-	-
SISKIYOU	340	317	20	-	3
SOLANO	5,208	5,166	15	2	25
SONOMA	5,546	5,474	50	6	16
STANISLAUS	7,884	7,848	18	3	15
SUTTER	1,946	1,937	2	2	5
TEHAMA	554	552	2	-	-
TRINITY	67	63	1	-	3
TULARE	6,150	6,114	21	2	13
TUOLUMNE	554	543	9	-	2
VENTURA	10,786	10,618	45	94	29
YOLO	1,766	1,737	22	2	5
YUBA	5	-	5	-	-

¹ City Health Department.

- Represents zero events.

TABLE 2-27
LIVE BIRTHS BY RACE/ETHNICITY ¹ OF MOTHER
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/ PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/ OTHER RACES	UNKNOWN
CALIFORNIA	518,073	2,501	57,046	34,136	249,253	172,442	2,695
ALAMEDA	20,547	88	4,755	3,355	5,754	6,446	149
Berkeley ²	944	6	116	175	148	491	8
ALPINE	12	5	1	-	1	5	-
AMADOR	264	7	3	3	35	214	2
BUTTE	2,256	61	140	48	412	1,593	2
CALAVERAS	325	6	1	1	37	280	-
COLUSA	335	6	3	-	216	110	-
CONTRA COSTA	12,586	39	1,573	1,431	3,317	6,142	84
DEL NORTE	298	37	12	1	56	192	-
EL DORADO	1,637	19	62	12	260	1,283	1
FRESNO	14,019	107	1,214	783	8,072	3,833	10
GLENN	386	5	14	1	171	195	-
HUMBOLDT	1,452	134	37	12	154	1,072	43
IMPERIAL	2,464	3	30	26	1,871	532	2
INYO	190	25	4	1	59	101	-
KERN	11,377	75	409	662	5,885	4,293	53
KINGS	2,149	30	77	111	1,142	787	2
LAKE	579	29	12	6	125	406	1
LASSEN	284	18	7	3	31	225	-
LOS ANGELES	156,153	270	15,050	13,724	97,103	29,622	384
Long Beach ²	8,492	14	1,084	1,347	4,372	1,666	9
Pasadena ²	2,384	6	250	318	1,079	713	18
MADERA	1,958	23	29	47	1,307	550	2
MARIN	2,650	4	192	48	543	1,840	23
MARIPOSA	126	3	-	1	10	111	1
MENDOCINO	1,012	81	13	2	319	579	18
MERCED	3,658	18	287	115	2,174	1,061	3
MODOC	68	7	2	-	7	52	-
MONO	119	4	1	-	45	69	-
MONTEREY	6,718	21	386	138	4,500	1,638	35
NAPA	1,493	8	57	11	679	738	-
NEVADA	770	6	10	-	77	676	1
ORANGE	46,509	76	6,056	627	22,769	16,809	172
PLACER	2,954	11	144	29	435	2,323	12
PLUMAS	137	6	2	-	13	116	-
RIVERSIDE	23,536	138	844	1,424	12,423	8,667	40
SACRAMENTO	17,737	129	2,534	2,065	3,896	9,056	57
SAN BENITO	974	3	39	8	606	316	2
SAN BERNARDINO	28,397	144	1,349	2,691	14,626	9,541	46
SAN DIEGO	43,261	233	4,347	2,740	18,400	17,412	129
SAN FRANCISCO	8,119	18	2,690	776	1,825	2,732	78
SAN JOAQUIN	8,853	58	1,174	671	3,688	3,249	13
SAN LUIS OBISPO	2,357	19	73	24	656	1,581	4
SAN MATEO	10,108	19	2,405	288	3,310	4,011	75
SANTA BARBARA	5,496	22	220	97	3,165	1,971	21
SANTA CLARA	26,266	71	7,808	615	9,105	8,264	403
SANTA CRUZ	3,446	10	111	17	1,715	1,517	76
SHASTA	1,845	81	48	22	185	1,502	7
SIERRA	12	-	-	-	2	10	-
SISKIYOU	462	16	12	4	75	354	1
SOLANO	5,539	34	859	870	1,413	2,353	10
SONOMA	5,420	47	250	79	1,780	3,230	34
STANISLAUS	7,115	52	387	188	3,165	3,310	13
SUTTER	1,127	10	185	22	357	553	-
TEHAMA	634	21	6	6	179	422	-
TRINITY	90	8	2	1	7	72	-
TULARE	6,762	45	200	86	4,497	1,932	2
TUOLUMNE	440	21	7	-	43	369	-
VENTURA	11,444	41	629	175	5,508	4,414	677
YOLO	2,142	22	167	41	845	1,060	7
YUBA	1,006	7	117	28	203	651	-

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian include Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

² City Health Department. - Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-27A
LIVE MALE BIRTHS BY RACE/ETHNICITY ¹ OF MOTHER
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN
CALIFORNIA	264,877	1,263	29,410	17,323	127,025	88,457	1,399
ALAMEDA	10,569	48	2,439	1,683	2,958	3,360	81
Berkeley ²	493	3	61	86	78	261	4
ALPINE	7	2	1	-	1	3	-
AMADOR	134	4	1	1	20	107	1
BUTTE	1,210	32	74	20	217	866	1
CALAVERAS	164	4	-	1	18	141	-
COLUSA	162	3	2	-	104	53	-
CONTRA COSTA	6,385	13	810	722	1,693	3,105	42
DEL NORTE	144	22	6	1	22	93	-
EL DORADO	854	13	32	6	142	661	-
FRESNO	7,146	45	655	404	4,093	1,943	6
GLENN	195	2	5	1	96	91	-
HUMBOLDT	747	75	21	4	70	560	17
IMPERIAL	1,260	2	15	12	965	264	2
INYO	101	8	2	1	32	58	-
KERN	5,825	37	192	344	3,046	2,178	28
KINGS	1,064	14	41	54	573	381	1
LAKE	307	13	4	5	73	211	1
LASSEN	149	10	3	2	13	121	-
LOS ANGELES	79,955	145	7,753	6,981	49,649	15,214	213
Long Beach ²	4,350	6	562	677	2,235	866	4
Pasadena ²	1,201	2	139	155	532	363	10
MADERA	1,035	13	18	24	686	293	1
MARIN	1,308	1	95	21	265	922	4
MARIPOSA	66	1	-	-	4	61	-
MENDOCINO	525	48	6	-	157	306	8
MERCED	1,885	13	157	63	1,110	541	1
MODOC	37	4	-	-	3	30	-
MONO	51	3	-	-	19	29	-
MONTEREY	3,515	9	200	73	2,302	915	16
NAPA	718	4	35	4	324	351	-
NEVADA	384	3	3	-	32	345	1
ORANGE	23,720	36	3,096	317	11,547	8,631	93
PLACER	1,482	8	69	13	220	1,164	8
PLUMAS	75	1	1	-	8	65	-
RIVERSIDE	11,937	62	428	704	6,242	4,479	22
SACRAMENTO	9,069	60	1,310	1,054	2,012	4,605	28
SAN BENITO	504	3	20	4	307	169	1
SAN BERNARDINO	14,515	68	706	1,354	7,375	4,982	30
SAN DIEGO	21,960	110	2,197	1,408	9,281	8,893	71
SAN FRANCISCO	4,123	8	1,382	363	935	1,395	40
SAN JOAQUIN	4,566	31	613	351	1,910	1,657	4
SAN LUIS OBISPO	1,213	6	37	15	339	814	2
SAN MATEO	5,241	8	1,253	156	1,667	2,121	36
SANTA BARBARA	2,738	12	109	44	1,566	993	14
SANTA CLARA	13,400	34	4,048	304	4,617	4,180	217
SANTA CRUZ	1,807	4	55	10	898	808	32
SHASTA	991	45	21	12	108	802	3
SIERRA	3	-	-	-	1	2	-
SISKIYOU	236	8	6	1	42	178	1
SOLANO	2,806	18	435	464	696	1,187	6
SONOMA	2,780	24	135	46	921	1,637	17
STANISLAUS	3,659	27	205	95	1,631	1,692	9
SUTTER	587	9	98	11	181	288	-
TEHAMA	301	6	3	4	86	202	-
TRINITY	31	5	1	-	1	24	-
TULARE	3,483	30	105	48	2,335	964	1
TUOLUMNE	235	12	5	-	29	189	-
VENTURA	5,899	21	348	84	2,841	2,269	336
YOLO	1,089	12	87	18	434	534	4
YUBA	525	4	67	16	108	330	-

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian include Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

² City Health Department.

- Represents zero events.

TABLE 2-27B
LIVE FEMALE BIRTHS BY RACE/ETHNICITY ¹ OF MOTHER
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/ PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/ OTHER RACES	UNKNOWN
CALIFORNIA	253,193	1,238	27,636	16,813	122,226	83,985	1,295
ALAMEDA	9,978	40	2,316	1,672	2,796	3,086	68
Berkeley ²	451	3	55	89	70	230	4
ALPINE	5	3	-	-	-	2	-
AMADOR	130	3	2	2	15	107	1
BUTTE	1,046	29	66	28	195	727	1
CALAVERAS	161	2	1	-	19	139	-
COLUSA	173	3	1	-	112	57	-
CONTRA COSTA	6,201	26	763	709	1,624	3,037	42
DEL NORTE	154	15	6	-	34	99	-
EL DORADO	783	6	30	6	118	622	1
FRESNO	6,872	62	559	379	3,978	1,890	4
GLENN	191	3	9	-	75	104	-
HUMBOLDT	705	59	16	8	84	512	26
IMPERIAL	1,204	1	15	14	906	268	-
INYO	89	17	2	-	27	43	-
KERN	5,552	38	217	318	2,839	2,115	25
KINGS	1,085	16	36	57	569	406	1
LAKE	272	16	8	1	52	195	-
LASSEN	135	8	4	1	18	104	-
LOS ANGELES	76,197	125	7,297	6,743	47,454	14,408	170
Long Beach ²	4,142	8	522	670	2,137	800	5
Pasadena ²	1,183	4	111	163	547	350	8
MADERA	923	10	11	23	621	257	1
MARIN	1,342	3	97	27	278	918	19
MARIPOSA	60	2	-	1	6	50	1
MENDOCINO	487	33	7	2	162	273	10
MERCED	1,772	5	130	52	1,063	520	2
MODOC	31	3	2	-	4	22	-
MONO	68	1	1	-	26	40	-
MONTEREY	3,203	12	186	65	2,198	723	19
NAPA	775	4	22	7	355	387	-
NEVADA	386	3	7	-	45	331	-
ORANGE	22,789	40	2,960	310	11,222	8,178	79
PLACER	1,472	3	75	16	215	1,159	4
PLUMAS	62	5	1	-	5	51	-
RIVERSIDE	11,599	76	416	720	6,181	4,188	18
SACRAMENTO	8,668	69	1,224	1,011	1,884	4,451	29
SAN BENITO	470	-	19	4	299	147	1
SAN BERNARDINO	13,882	76	643	1,337	7,251	4,559	16
SAN DIEGO	21,301	123	2,150	1,332	9,119	8,519	58
SAN FRANCISCO	3,996	10	1,308	413	890	1,337	38
SAN JOAQUIN	4,287	27	561	320	1,778	1,592	9
SAN LUIS OBISPO	1,144	13	36	9	317	767	2
SAN MATEO	4,867	11	1,152	132	1,643	1,890	39
SANTA BARBARA	2,758	10	111	53	1,599	978	7
SANTA CLARA	12,866	37	3,760	311	4,488	4,084	186
SANTA CRUZ	1,639	6	56	7	817	709	44
SHASTA	854	36	27	10	77	700	4
SIERRA	9	-	-	-	1	8	-
SISKIYOU	226	8	6	3	33	176	-
SOLANO	2,733	16	424	406	717	1,166	4
SONOMA	2,640	23	115	33	859	1,593	17
STANISLAUS	3,456	25	182	93	1,534	1,618	4
SUTTER	540	1	87	11	176	265	-
TEHAMA	333	15	3	2	93	220	-
TRINITY	59	3	1	1	6	48	-
TULARE	3,279	15	95	38	2,162	968	1
TUOLUMNE	205	9	2	-	14	180	-
VENTURA	5,545	20	281	91	2,667	2,145	341
YOLO	1,053	10	80	23	411	526	3
YUBA	481	3	50	12	95	321	-

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian include Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

² City Health Department.

- Represents zero events.

TABLE 2-28. LIVE BIRTHS BY RACE OF MOTHER, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)

County	Total	RACE OF MOTHER							
		American Indian	Black	Cambodian	Chinese	Eskimo/Aleut	Filipino	Indian (India)	Japanese
CALIFORNIA	518,073	3,174	35,138	1,566	11,357	15	14,951	5,687	2,963
ALAMEDA	20,547	101	3,401	83	1,269	1	1,207	884	141
Berkeley ¹	944	6	178	-	31	-	13	10	12
ALPINE	12	5	-	-	-	-	-	-	-
AMADOR	264	10	3	-	1	-	1	-	-
BUTTE	2,256	66	50	1	5	-	5	8	7
CALAVERAS	325	8	1	-	-	-	-	-	1
COLUSA	335	8	-	-	2	-	-	1	-
CONTRA COSTA	12,586	57	1,450	12	281	-	562	181	101
DEL NORTE	298	40	1	-	-	1	2	-	-
EL DORADO	1,637	23	12	-	5	-	34	2	1
FRESNO	14,019	123	800	79	66	2	104	167	37
GLENN	386	7	1	-	1	-	-	2	1
HUMBOLDT	1,452	140	13	1	2	-	4	3	1
IMPERIAL	2,464	5	31	-	7	-	6	2	3
INYO	190	30	1	-	2	-	1	-	-
KERN	11,377	84	678	15	19	-	209	76	13
KINGS	2,149	40	116	-	-	-	59	2	5
LAKE	579	31	8	-	3	-	2	-	-
LASSEN	284	19	3	-	-	-	1	-	-
LOS ANGELES	156,153	384	14,127	588	3,844	2	3,898	831	923
Long Beach ¹	8,492	21	1,372	311	40	-	338	19	29
Pasadena ¹	2,384	10	330	2	78	-	67	16	23
MADERA	1,958	25	48	1	1	-	7	14	1
MARIN	2,650	3	49	3	53	1	28	16	25
MARIPOSA	126	3	1	-	-	-	-	-	-
MENDOCINO	1,012	89	2	-	1	-	3	1	1
MERCED	3,658	21	122	2	5	-	22	60	1
MODOC	68	7	-	-	-	-	1	-	1
MONO	119	4	-	-	-	-	-	-	1
MONTEREY	6,718	31	148	-	27	-	189	22	26
NAPA	1,493	10	12	-	4	-	31	3	8
NEVADA	770	8	-	-	2	-	4	-	2
ORANGE	46,509	116	669	118	736	-	819	388	360
PLACER	2,954	12	29	3	18	-	31	25	25
PLUMAS	137	7	-	-	-	-	-	-	1
RIVERSIDE	23,536	182	1,471	13	60	1	315	71	51
SACRAMENTO	17,737	175	2,126	26	355	-	438	317	115
SAN BENITO	974	3	8	-	2	-	24	6	2
SAN BERNARDINO	28,397	190	2,755	50	151	1	416	114	55
SAN DIEGO	43,261	299	2,834	104	405	1	1,961	171	302
SAN FRANCISCO	8,119	27	784	28	1,479	-	612	68	92
SAN JOAQUIN	8,853	82	691	209	44	2	390	92	28
SAN LUIS OBISPO	2,357	21	25	-	3	-	44	6	9
SAN MATEO	10,108	23	301	5	560	-	977	234	120
SANTA BARBARA	5,496	39	102	1	30	1	96	9	24
SANTA CLARA	26,266	95	652	118	1,665	-	1,360	1,460	342
SANTA CRUZ	3,446	12	19	1	19	-	36	13	13
SHASTA	1,845	94	24	2	3	-	8	4	1
SIERRA	12	-	-	-	-	-	-	-	-
SISKIYOU	462	18	5	1	1	-	3	1	1
SOLANO	5,539	44	896	-	27	1	579	55	30
SONOMA	5,420	66	82	23	41	-	52	16	13
STANISLAUS	7,115	64	202	65	30	-	59	114	8
SUTTER	1,127	14	22	2	2	-	5	147	3
TEHAMA	634	22	6	-	-	-	2	1	-
TRINITY	90	8	1	-	-	-	1	-	-
TULARE	6,762	58	93	-	9	-	74	14	3
TUOLUMNE	440	21	-	-	1	-	1	-	-
VENTURA	11,444	59	190	6	75	1	227	59	42
YOLO	2,142	30	44	4	40	-	25	26	16
YUBA	1,006	11	29	2	1	-	16	1	7

TABLE 2-28. LIVE BIRTHS BY RACE OF MOTHER, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)
- Cont.

County	RACE OF MOTHER								Not Stated
	Korean	Laotian	Pacific Islander	Thai	Vietnamese	White	Other Asian	Other	
CALIFORNIA	3,926	1,022	3,013	561	8,053	416,039	4,843	3,025	2,740
ALAMEDA	173	43	239	32	496	11,168	255	904	150
Berkeley ¹	12	2	-	1	9	515	26	121	8
ALPINE	-	-	-	-	-	6	1	-	-
AMADOR	-	-	-	-	-	245	1	1	2
BUTTE	-	4	7	3	4	1,990	97	7	2
CALAVERAS	-	-	-	-	-	315	-	-	-
COLUSA	-	-	-	-	-	323	-	1	-
CONTRA COSTA	75	83	88	15	88	8,543	125	828	97
DEL NORTE	-	-	1	-	-	243	10	-	-
EL DORADO	3	-	7	-	4	1,535	7	3	1
FRESNO	17	125	18	15	37	11,812	561	42	14
GLENN	-	-	-	-	-	362	10	2	-
HUMBOLDT	-	8	5	-	1	1,213	13	4	44
IMPERIAL	10	-	1	-	-	2,384	4	9	2
INYO	-	-	1	-	-	155	-	-	-
KERN	13	4	16	10	21	10,025	28	113	53
KINGS	3	-	6	-	1	1,907	6	2	2
LAKE	1	-	6	-	-	526	-	1	1
LASSEN	-	-	6	-	1	254	-	-	-
LOS ANGELES	1,947	69	697	213	1,344	125,746	916	232	392
Long Beach ¹	14	20	200	31	77	5,977	28	6	9
Pasadena ¹	19	1	5	4	14	1,750	24	23	18
MADERA	1	-	-	-	1	1,852	4	1	2
MARIN	19	1	7	5	20	2,377	16	4	23
MARIPOSA	-	-	0	-	-	121	-	-	1
MENDOCINO	-	-	4	1	2	888	1	-	19
MERCED	5	27	8	8	4	3,219	147	4	3
MODOC	-	-	-	-	-	59	-	-	-
MONO	-	-	-	-	-	114	-	-	-
MONTEREY	42	-	40	5	31	6,092	15	15	35
NAPA	5	2	4	-	-	1,403	4	7	-
NEVADA	-	0	2	-	-	750	1	-	1
ORANGE	629	60	236	36	2,369	39,406	344	45	178
PLACER	5	1	5	2	14	2,750	17	5	12
PLUMAS	-	-	1	-	-	128	-	-	-
RIVERSIDE	64	29	95	10	90	20,807	85	150	42
SACRAMENTO	68	130	166	36	283	12,766	646	33	57
SAN BENITO	2	-	1	-	-	921	2	1	2
SAN BERNARDINO	85	14	137	21	163	23,928	177	94	46
SAN DIEGO	163	143	358	43	599	35,497	198	50	133
SAN FRANCISCO	93	6	98	18	138	4,217	74	307	78
SAN JOAQUIN	13	76	42	10	79	6,823	246	10	16
SAN LUIS OBISPO	4	1	3	-	2	2,228	6	1	4
SAN MATEO	58	4	282	11	43	7,251	136	28	75
SANTA BARBARA	19	3	10	1	14	5,097	24	4	22
SANTA CLARA	288	49	158	35	2,068	17,225	307	41	403
SANTA CRUZ	8	-	6	3	5	3,207	12	15	77
SHASTA	3	8	1	-	2	1,668	18	2	7
SIERRA	-	-	-	-	-	12	-	-	-
SISKIYOU	1	1	2	-	1	425	-	1	1
SOLANO	24	9	101	7	24	3,672	37	23	10
SONOMA	10	21	22	5	26	4,979	23	7	34
STANISLAUS	10	33	39	4	14	6,430	26	4	13
SUTTER	3	1	5	1	-	904	17	1	-
TEHAMA	1	-	1	-	-	597	1	3	-
TRINITY	-	-	1	-	-	79	-	-	-
TULARE	7	53	9	2	2	6,388	35	13	2
TUOLUMNE	1	-	3	-	-	410	3	-	-
VENTURA	36	6	54	7	59	9,864	80	2	677
YOLO	13	7	7	2	2	1,886	30	3	7
YUBA	4	1	7	-	1	847	77	2	-

¹ City Health Department.

- Represents zero events

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-29. PERCENT OF BIRTHS WITH SELECTED DEMOGRAPHIC CHARACTERISTICS, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)

COUNTY	PERCENT OF BIRTHS BY DEMOGRAPHIC CHARACTERISTICS						
	Mothers Under 20 Years of Age	Mother Completed 12 Years or More of School	Mother Born in the United States	Unmarried Mother ¹	4th & Higher Birth Order	Father Under 20 Years of Age	Father Completed 12 Years or More of School
CALIFORNIA	11.1	68.6	55.3	32.8	12.4	4.1	66.0
ALAMEDA	8.0	79.4	55.2	26.7	8.8	3.0	77.5
Berkeley ²	4.0	87.8	66.5	22.6	4.1	1.3	85.4
ALPINE	-	75.0	75.0	a	a	-	58.3
AMADOR	11.0	84.5	91.3	27.7	14.0	1.9	78.8
BUTTE	13.4	76.0	82.4	34.3	13.8	4.4	72.4
CALAVERAS	14.8	84.6	92.6	32.9	9.8	4.9	77.5
COLUSA	17.0	53.4	53.1	32.5	14.0	5.4	50.4
CONTRA COSTA	7.9	83.1	67.9	25.5	9.3	2.7	80.5
DEL NORTE	21.1	64.4	83.2	42.6	13.1	8.7	58.4
EL DORADO	9.5	84.2	83.6	26.0	9.3	3.4	82.2
FRESNO	17.6	59.1	62.7	42.5	17.7	7.2	54.5
GLENN	14.8	59.1	65.0	32.6	16.1	3.6	56.0
HUMBOLDT	12.4	77.4	89.5	36.9	10.4	3.9	70.5
IMPERIAL	15.9	67.0	49.5	39.7	12.2	6.5	62.5
INYO	16.3	73.7	81.1	42.1	9.5	5.3	71.6
KERN	17.3	65.0	67.6	41.5	18.0	6.7	59.8
KINGS	18.1	64.8	69.8	40.2	14.6	7.2	62.2
LAKE	14.7	67.4	85.1	47.0	15.0	4.3	62.9
LASSEN	14.1	82.4	91.5	6.3	14.8	5.6	81.3
LOS ANGELES	11.2	61.8	43.8	38.0	13.2	4.0	59.0
Long Beach ²	12.4	61.2	49.2	44.0	15.8	4.1	58.2
Pasadena ²	8.5	70.1	51.8	28.4	11.8	3.4	67.6
MADERA	17.3	53.0	56.1	44.3	19.2	7.8	48.5
MARIN	3.5	84.8	68.1	13.2	4.1	0.7	82.4
MARIPOSA	16.7	84.1	97.6	34.1	11.9	10.3	77.8
MENDOCINO	14.5	70.8	73.7	39.6	12.4	5.6	67.3
MERCED	18.1	59.1	56.8	38.4	17.7	6.8	53.8
MODOC	8.8	66.2	89.7	20.6	17.6	a	55.9
MONO	5.0	66.4	63.9	16.0	12.6	a	63.0
MONTEREY	13.0	53.4	47.2	35.1	11.9	5.1	50.5
NAPA	8.8	69.2	59.5	22.8	9.6	2.3	64.4
NEVADA	8.4	88.1	90.6	28.1	10.4	1.8	86.9
ORANGE	8.0	68.3	47.5	25.4	11.0	2.5	67.2
PLACER	6.7	89.2	85.0	18.9	9.0	2.2	86.4
PLUMAS	11.7	87.6	92.0	23.4	10.9	4.4	79.6
RIVERSIDE	13.7	68.5	64.9	36.3	15.6	5.3	65.1
SACRAMENTO	11.5	77.3	71.7	33.5	14.7	4.1	74.8
SAN BENITO	11.5	67.0	63.1	29.8	13.1	3.8	64.4
SAN BERNARDINO	14.7	67.8	67.8	38.8	16.2	6.2	65.6
SAN DIEGO	10.1	75.1	59.8	28.5	10.5	3.7	74.8
SAN FRANCISCO	6.1	78.7	46.3	24.8	6.5	2.0	76.2
SAN JOAQUIN	15.1	67.2	65.9	38.6	15.5	5.9	63.6
SAN LUIS OBISPO	10.2	79.0	78.9	26.7	8.7	3.1	77.2
SAN MATEO	6.1	79.1	48.9	19.9	7.7	1.9	77.7
SANTA BARBARA	11.1	62.9	55.7	28.2	11.7	3.7	58.7
SANTA CLARA	7.2	78.1	45.1	21.3	7.8	2.4	76.1
SANTA CRUZ	9.4	64.9	58.4	30.7	9.6	2.9	60.4
SHASTA	15.8	79.3	93.9	39.2	11.1	5.5	76.7
SIERRA	-	83.3	83.3	a	-	-	91.7
SISKIYOU	16.0	58.2	86.6	34.0	11.3	7.4	57.6
SOLANO	11.7	81.4	72.3	32.8	11.4	4.5	78.9
SONOMA	9.5	72.7	68.7	27.0	8.8	3.1	70.2
STANISLAUS	13.4	68.5	68.8	36.1	13.9	5.5	64.9
SUTTER	10.7	69.2	63.4	29.4	12.9	4.2	66.9
TEHAMA	20.2	66.9	77.0	40.7	12.9	6.2	62.6
TRINITY	18.9	70.0	96.7	23.3	14.4	11.1	70.0
TULARE	18.4	55.4	60.2	43.0	16.7	7.1	47.7
TUOLUMNE	12.3	83.6	95.5	35.7	12.5	5.7	78.2
VENTURA	9.7	67.5	60.9	23.9	11.4	3.4	65.4
YOLO	9.6	72.8	64.6	26.5	11.3	3.7	69.2
YUBA	17.1	64.5	76.5	35.8	18.6	7.5	63.5

¹ Starting in 1997, unmarried status is no longer estimated. See Chapter 6.

² City Health Department.

a Percents not calculated for fewer than 5 events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-30. PERCENT OF BIRTHS WITH SELECTED MEDICAL CHARACTERISTICS, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)

COUNTY	PERCENT OF BIRTHS BY MEDICAL CHARACTERISTICS			
	Late or No Prenatal Care ¹	Preterm Birth ²	Cesarean Birth	Low Birthweight ³
CALIFORNIA	3.1	10.0	22.7	6.1
ALAMEDA	2.1	10.0	19.7	6.5
Berkeley ⁴	1.7	9.2	17.1	6.7
ALPINE	a	-	a	-
AMADOR	a	9.1	23.9	5.3
BUTTE	4.3	10.6	20.8	5.5
CALAVERAS	2.8	8.9	27.1	5.8
COLUSA	8.1	8.7	17.9	6.6
CONTRA COSTA	2.4	10.1	19.9	6.4
DEL NORTE	3.7	9.1	19.5	4.0
EL DORADO	3.2	8.8	23.0	4.9
FRESNO	3.0	9.9	23.3	6.4
GLENN	5.4	9.8	17.6	4.7
HUMBOLDT	2.8	8.6	18.9	3.9
IMPERIAL	6.1	9.6	31.0	4.9
INYO	5.8	6.8	17.4	4.2
KERN	2.2	11.3	19.2	6.1
KINGS	3.5	10.7	26.9	6.5
LAKE	7.4	10.2	19.3	5.2
LASSEN	3.2	8.8	20.4	3.2
LOS ANGELES	2.5	10.7	25.4	6.6
Long Beach ⁴	3.5	11.6	23.8	7.4
Pasadena ⁴	2.5	12.0	26.2	8.1
MADERA	4.4	10.0	20.3	5.1
MARIN	1.5	9.0	21.6	5.1
MARIPOSA	4.8	8.7	29.4	4.0
MENDOCINO	10.2	8.0	15.9	3.4
MERCED	8.9	10.2	22.7	6.1
MODOC	a	a	17.6	a
MONO	5.0	8.4	23.5	6.7
MONTEREY	4.6	9.9	22.1	5.9
NAPA	4.3	8.2	18.6	5.2
NEVADA	2.2	8.2	19.5	5.6
ORANGE	2.4	9.1	22.5	5.5
PLACER	2.0	8.1	21.7	4.4
PLUMAS	a	5.8	32.8	a
RIVERSIDE	4.3	10.8	21.5	5.8
SACRAMENTO	4.0	9.4	19.5	6.6
SAN BENITO	1.1	9.3	23.1	4.8
SAN BERNARDINO	4.4	10.9	23.4	6.3
SAN DIEGO	4.4	9.9	22.7	5.9
SAN FRANCISCO	3.0	9.3	18.9	6.8
SAN JOAQUIN	6.1	10.8	20.1	5.6
SAN LUIS OBISPO	2.3	8.0	19.7	4.9
SAN MATEO	2.6	9.1	19.4	5.8
SANTA BARBARA	3.9	9.2	22.7	5.5
SANTA CLARA	2.5	8.6	19.9	6.2
SANTA CRUZ	2.4	8.9	18.3	5.3
SHASTA	2.8	8.3	23.1	5.1
SIERRA	-	a	-	a
SISKIYOU	1.9	9.5	16.9	5.4
SOLANO	5.0	9.1	20.6	6.9
SONOMA	2.1	7.9	18.3	5.7
STANISLAUS	3.1	10.9	19.8	5.9
SUTTER	6.2	9.1	28.7	6.0
TEHAMA	3.5	7.6	20.0	4.7
TRINITY	a	5.6	14.4	a
TULARE	3.6	10.0	25.5	5.6
TUOLUMNE	2.0	8.0	28.0	5.9
VENTURA	1.6	9.1	24.8	5.7
YOLO	5.9	7.0	15.5	4.7
YUBA	8.1	12.0	22.1	7.4

- Represents zero events.

a Percents not calculated for fewer than 5 events.

¹ Third trimester or no prenatal care.

³ Birthweight of less than 2500 grams (5lb 8oz).

² Birth prior to 37 completed weeks of gestation

⁴ City Health Department.

Note: Percents are calculated using total births, which include unknown and not reported data.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-31. LIVE BIRTHS BY LIVE BIRTH ORDER, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	LIVE BIRTH ORDER					
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR MORE	NOT STATED
CALIFORNIA	518,073	200,595	163,823	88,942	37,753	26,579	381
ALAMEDA	20,547	8,920	6,796	2,970	1,112	694	55
Berkeley ¹	944	485	318	102	27	12	-
ALPINE	12	1	3	4	1	3	-
AMADOR	264	87	89	51	25	12	-
BUTTE	2,256	844	709	390	159	153	1
CALAVERAS	325	120	116	57	23	9	-
COLUSA	335	127	112	49	27	20	-
CONTRA COSTA	12,586	5,110	4,281	2,019	745	425	6
DEL NORTE	298	116	93	50	22	17	-
EL DORADO	1,637	654	554	277	85	67	-
FRESNO	14,019	4,951	4,042	2,546	1,237	1,241	2
GLENN	386	137	123	64	29	33	-
HUMBOLDT	1,452	623	464	210	83	68	4
IMPERIAL	2,464	948	740	472	206	95	3
INYO	190	61	75	36	14	4	-
KERN	11,377	4,013	3,231	2,080	1,071	977	5
KINGS	2,149	745	650	440	182	132	-
LAKE	579	211	167	114	49	38	-
LASSEN	284	93	93	56	24	18	-
LOS ANGELES	156,153	58,827	48,735	27,887	12,048	8,494	162
Long Beach ¹	8,492	3,007	2,554	1,576	735	609	11
Pasadena ¹	2,384	1,010	729	359	167	114	5
MADERA	1,958	679	555	347	183	193	1
MARIN	2,650	1,235	959	347	78	30	1
MARIPOSA	126	52	38	21	12	3	-
MENDOCINO	1,012	406	293	188	71	54	-
MERCED	3,658	1,261	1,028	721	342	305	1
MODOC	68	23	22	11	7	5	-
MONO	119	53	33	18	9	6	-
MONTEREY	6,718	2,558	2,136	1,223	496	305	-
NAPA	1,493	600	489	253	83	60	8
NEVADA	770	312	254	124	58	22	-
ORANGE	46,509	18,083	15,184	8,091	3,183	1,949	19
PLACER	2,954	1,183	1,028	476	169	97	1
PLUMAS	137	50	45	27	8	7	-
RIVERSIDE	23,536	8,138	7,188	4,537	2,161	1,500	12
SACRAMENTO	17,737	6,789	5,452	2,885	1,328	1,275	8
SAN BENITO	974	323	338	185	90	38	-
SAN BERNARDINO	28,397	9,995	8,436	5,347	2,596	2,003	20
SAN DIEGO	43,261	17,880	13,882	6,931	2,805	1,738	25
SAN FRANCISCO	8,119	4,175	2,523	891	324	204	2
SAN JOAQUIN	8,853	3,027	2,720	1,732	742	630	2
SAN LUIS OBISPO	2,357	987	791	373	132	74	-
SAN MATEO	10,108	4,476	3,488	1,366	501	275	2
SANTA BARBARA	5,496	2,146	1,744	958	413	232	3
SANTA CLARA	26,266	11,691	8,805	3,713	1,320	728	9
SANTA CRUZ	3,446	1,458	1,115	540	196	136	1
SHASTA	1,845	725	600	313	125	80	2
SIERRA	12	3	7	2	-	-	-
SISKIYOU	462	176	152	82	35	17	-
SOLANO	5,539	2,136	1,807	945	386	248	17
SONOMA	5,420	2,322	1,805	813	317	158	5
STANISLAUS	7,115	2,462	2,259	1,401	564	428	1
SUTTER	1,127	385	367	230	83	62	-
TEHAMA	634	253	197	102	47	35	-
TRINITY	90	33	29	15	7	6	-
TULARE	6,762	2,290	2,038	1,302	645	486	1
TUOLUMNE	440	156	153	76	34	21	-
VENTURA	11,444	4,288	3,784	2,069	821	480	2
YOLO	2,142	843	692	365	154	88	-
YUBA	1,006	355	314	150	86	101	-

¹ City Health Department. - Represents zero births.

TABLE 2-32. LIVE BIRTHS BY BIRTHWEIGHT, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	BIRTHWEIGHT						
		UNDER 1500 GRAMS	1500- 2499 GRAMS	2500- 3499 GRAMS	3500- 4499 GRAMS	4500 GRAMS AND OVER	NOT WEIGHED	NOT STATED
CALIFORNIA	518,073	5,950	25,736	273,366	204,237	8,778	-	6
ALAMEDA	20,547	270	1,072	10,990	7,821	394	-	-
Berkeley ¹	944	16	47	457	411	13	-	-
ALPINE	12	-	-	6	6	-	-	-
AMADOR	264	1	13	125	122	3	-	-
BUTTE	2,256	12	111	1,039	1,041	53	-	-
CALAVERAS	325	1	18	175	128	3	-	-
COLUSA	335	6	16	146	158	9	-	-
CONTRA COSTA	12,586	123	677	6,211	5,305	270	-	-
DEL NORTE	298	4	8	136	144	6	-	-
EL DORADO	1,637	12	69	891	631	34	-	-
FRESNO	14,019	169	734	7,688	5,210	218	-	-
GLENN	386	7	11	169	189	10	-	-
HUMBOLDT	1,452	9	47	651	703	42	-	-
IMPERIAL	2,464	22	99	1,360	947	36	-	-
INYO	190	-	8	110	70	2	-	-
KERN	11,377	130	559	5,989	4,471	228	-	-
KINGS	2,149	31	108	1,080	882	48	-	-
LAKE	579	6	24	282	256	11	-	-
LASSEN	284	-	9	167	101	7	-	-
LOS ANGELES	156,153	1,993	8,239	84,641	58,894	2,385	-	1
Long Beach ¹	8,492	129	497	4,491	3,224	151	-	-
Pasadena ¹	2,384	38	154	1,373	792	27	-	-
MADERA	1,958	16	83	1,099	721	39	-	-
MARIN	2,650	22	112	1,283	1,163	70	-	-
MARIPOSA	126	2	3	64	57	-	-	-
MENDOCINO	1,012	6	28	467	480	31	-	-
MERCED	3,658	32	190	1,945	1,444	47	-	-
MODOC	68	1	3	31	31	2	-	-
MONO	119	1	7	80	28	3	-	-
MONTEREY	6,718	69	328	3,238	2,929	154	-	-
NAPA	1,493	15	62	709	676	31	-	-
NEVADA	770	3	40	410	302	15	-	-
ORANGE	46,509	453	2,125	24,507	18,699	725	-	-
PLACER	2,954	24	107	1,413	1,357	53	-	-
PLUMAS	137	-	3	88	45	1	-	-
RIVERSIDE	23,536	251	1,104	12,799	9,023	359	-	-
SACRAMENTO	17,737	235	930	8,971	7,251	350	-	-
SAN BENITO	974	8	39	502	407	18	-	-
SAN BERNARDINO	28,397	391	1,397	15,411	10,781	417	-	-
SAN DIEGO	43,261	481	2,082	21,900	18,003	795	-	-
SAN FRANCISCO	8,119	80	471	4,406	3,056	106	-	-
SAN JOAQUIN	8,853	99	393	4,760	3,426	175	-	-
SAN LUIS OBISPO	2,357	25	91	1,171	1,034	36	-	-
SAN MATEO	10,108	94	492	5,198	4,143	176	-	5
SANTA BARBARA	5,496	51	251	2,851	2,251	92	-	-
SANTA CLARA	26,266	277	1,343	14,307	9,927	412	-	-
SANTA CRUZ	3,446	36	146	1,661	1,537	66	-	-
SHASTA	1,845	21	74	835	871	44	-	-
SIERRA	12	-	1	5	6	-	-	-
SISKIYOU	462	3	22	247	186	4	-	-
SOLANO	5,539	79	305	2,789	2,254	112	-	-
SONOMA	5,420	51	260	2,639	2,349	121	-	-
STANISLAUS	7,115	96	321	3,765	2,837	96	-	-
SUTTER	1,127	6	62	535	501	23	-	-
TEHAMA	634	8	22	315	277	12	-	-
TRINITY	90	1	3	50	32	4	-	-
TULARE	6,762	71	306	3,502	2,749	134	-	-
TUOLUMNE	440	6	20	216	192	6	-	-
VENTURA	11,444	104	549	5,850	4,723	218	-	-
YOLO	2,142	19	82	996	992	53	-	-
YUBA	1,006	17	57	495	418	19	-	-

¹ City Health Department.

- Represents zero births.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-33. LIVE BIRTHS BY TRIMESTER PRENATAL CARE BEGAN, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS (By Place of Residence)

COUNTY	TOTAL	TRIMESTER PRENATAL CARE BEGAN			NO PRENATAL CARE	UNKNOWN
		FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER		
CALIFORNIA	518,073	426,020	67,253	12,958	3,361	8,481
ALAMEDA	20,547	17,978	1,849	322	100	298
Berkeley ¹	944	876	47	10	6	5
ALPINE	12	6	5	1	-	-
AMADOR	264	223	35	4	-	2
BUTTE	2,256	1,640	514	75	21	6
CALAVERAS	325	272	43	6	3	1
COLUSA	335	204	104	26	1	-
CONTRA COSTA	12,586	11,085	1,075	226	75	125
DEL NORTE	298	239	48	10	1	-
EL DORADO	1,637	1,363	204	46	7	17
FRESNO	14,019	11,688	1,817	311	115	88
GLENN	386	267	97	20	1	1
HUMBOLDT	1,452	1,172	207	34	7	32
IMPERIAL	2,464	1,854	403	112	38	57
INYO	190	133	45	9	2	1
KERN	11,377	8,702	1,469	221	32	953
KING	2,149	1,763	302	65	11	8
LAKE	579	408	119	38	5	9
LASSEN	284	234	40	8	1	1
LOS ANGELES	156,153	132,670	17,482	3,004	851	2,146
Long Beach ¹	8,492	6,874	1,113	230	65	210
Pasadena ¹	2,384	1,939	268	48	12	117
MADERA	1,958	1,575	290	59	27	7
MARIN	2,650	2,305	282	35	4	24
MARIPOSA	126	80	37	6	-	3
MENDOCINO	1,012	565	339	93	10	5
MERCED	3,658	2,264	1,013	291	34	56
MODOC	68	52	13	2	1	-
MONO	119	86	27	5	1	-
MONTEREY	6,718	5,185	1,179	280	31	43
NAPA	1,493	1,023	281	55	9	125
NEVADA	770	624	124	13	4	5
ORANGE	46,509	40,248	4,920	960	169	212
PLACER	2,954	2,538	326	46	13	31
PLUMAS	137	116	17	2	1	1
RIVERSIDE	23,536	18,547	3,740	817	185	247
SACRAMENTO	17,737	14,003	2,740	552	161	281
SAN BENITO	974	835	120	8	3	8
SAN BERNARDINO	28,397	21,704	4,901	944	309	539
SAN DIEGO	43,261	34,730	5,726	1,388	517	900
SAN FRANCISCO	8,119	6,788	1,034	169	77	51
SAN JOAQUIN	8,853	6,240	1,900	450	90	173
SAN LUIS OBISPO	2,357	1,957	316	45	10	29
SAN MATEO	10,108	8,546	1,286	210	54	12
SANTA BARBARA	5,496	4,299	944	195	20	38
SANTA CLARA	26,266	22,365	2,934	589	73	305
SANTA CRUZ	3,446	2,918	412	66	16	34
SHASTA	1,845	1,574	217	38	13	3
SIERRA	12	9	3	-	-	-
SISKIYOU	462	393	56	7	2	4
SOLANO	5,539	3,570	949	224	54	742
SONOMA	5,420	4,498	543	84	28	267
STANISLAUS	7,115	5,739	1,112	168	56	40
SUTTER	1,127	750	305	63	7	2
TEHAMA	634	509	100	22	-	3
TRINITY	90	72	14	3	1	-
TULARE	6,762	4,843	1,347	207	38	327
TUOLUMNE	440	388	43	7	2	-
VENTURA	11,444	10,010	1,072	149	30	183
YOLO	2,142	1,560	420	109	18	35
YUBA	1,006	611	313	59	22	1

¹ City Health Department.

- Represents zero births.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-34
LIVE BIRTHS BY PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE													
		Medi-care	Medi-Cal	Workers' Compensation	Title V	Other Government	Blue Cross/ Shield	Private Insurance	HMO/ PHP	Self Pay	No Charge	Other (Non-Govt.)	Medically Indigent	None	Unknown
CALIFORNIA	518,073	390	204,919	301	63	9,381	39,904	64,616	179,873	13,331	78	110	901	3,308	898
ALAMEDA	20,547	22	4,902	20	4	61	1,172	4,272	8,997	236	1	6	669	99	86
Berkeley ¹	944	3	178	1	-	-	72	187	470	23	-	-	3	6	1
ALPINE	12	-	6	-	-	-	-	5	-	1	-	-	-	-	-
AMADOR	264	-	90	-	-	3	66	32	71	2	-	-	-	-	-
BUTTE	2,256	1	1,132	1	-	11	552	303	182	36	-	14	1	21	2
CALAVERAS	325	-	134	-	-	6	64	44	71	3	-	-	-	3	-
COLUSA	335	-	210	-	-	4	50	34	31	5	-	-	-	1	-
CONTRA COSTA	12,586	8	2,480	2	-	56	894	1,186	7,677	171	4	-	9	75	24
DEL NORTE	298	1	170	-	-	3	63	25	27	7	-	-	-	1	1
EL DORADO	1,637	1	489	1	-	3	258	457	395	23	-	-	2	7	1
FRESNO	14,019	9	8,128	12	-	36	1,334	1,722	2,406	240	3	1	3	115	10
GLENN	386	-	244	-	-	1	86	25	22	6	-	1	-	1	-
HUMBOLDT	1,452	3	736	-	-	8	269	348	22	57	-	-	-	7	2
IMPERIAL	2,464	-	1,274	-	-	21	90	688	81	223	-	-	44	38	5
INYO	190	1	117	1	-	3	48	10	7	1	-	-	-	2	-
KERN	11,377	2	6,339	2	1	154	1,153	1,176	2,316	152	-	-	3	32	47
KINGS	2,149	-	1,092	-	-	16	210	398	83	335	1	-	2	11	1
LAKE	579	1	299	-	-	-	76	69	60	11	-	-	58	5	-
LASSEN	284	1	133	1	-	6	79	4	55	4	-	-	-	1	-
LOS ANGELES	156,153	144	73,259	93	51	451	11,052	18,069	48,088	3,818	29	12	37	797	253
Long Beach ¹	8,492	10	4,119	7	-	34	155	886	3,037	154	1	3	3	63	20
Pasadena ¹	2,384	3	907	2	4	4	169	363	875	39	-	-	3	12	3
MADERA	1,958	-	1,279	1	-	31	122	245	236	15	-	-	-	27	2
MARIN	2,650	1	522	-	-	21	330	165	1,570	35	1	-	-	4	1
MARIPOSA	126	-	57	-	-	-	31	17	17	4	-	-	-	-	-
MENDOCINO	1,012	2	620	1	-	4	159	116	82	16	-	1	-	10	1
MERCED	3,658	4	2,060	1	-	13	416	753	231	144	-	-	-	34	2
MODOC	68	-	37	-	-	-	7	18	-	3	-	1	-	1	1
MONO	119	-	57	-	-	-	17	32	5	7	-	-	-	1	-
MONTEREY	6,718	2	3,279	2	-	391	1,033	1,761	105	92	1	-	3	31	18
NAPA	1,493	1	432	1	-	7	139	152	739	12	-	1	-	9	0
NEVADA	770	1	227	-	-	-	216	212	75	34	-	-	-	4	1
ORANGE	46,509	18	15,378	16	2	320	2,487	5,000	21,568	1,511	4	5	6	171	23
PLACER	2,954	-	502	3	-	30	347	398	1,604	49	1	1	-	13	6
PLUMAS	137	-	57	-	-	-	38	31	1	9	-	-	-	1	-
RIVERSIDE	23,536	19	10,362	18	1	218	1,072	1,479	9,370	773	2	2	7	181	32
SACRAMENTO	17,737	14	6,933	21	1	132	1,203	939	8,174	112	-	2	15	161	30
SAN BENITO	974	-	387	-	-	1	168	235	173	6	-	-	-	3	1
SAN BERNARDINO	28,397	40	12,380	32	-	1,005	1,427	2,891	9,769	461	6	3	4	313	66
SAN DIEGO	43,261	37	12,223	27	1	5,056	3,532	3,367	15,529	2,768	4	39	13	517	148
SAN FRANCISCO	8,119	2	2,383	2	-	29	375	538	4,568	134	1	1	6	77	3
SAN JOAQUIN	8,853	7	3,411	5	-	26	472	1,666	2,860	305	2	-	2	90	7
SAN LUIS OBISPO	2,357	1	811	3	-	19	489	226	747	42	1	1	4	10	3
SAN MATEO	10,108	8	2,339	6	-	4	533	884	6,112	147	2	-	-	54	19
SANTA BARBARA	5,496	3	2,567	1	-	238	601	1,414	555	89	1	1	1	20	5
SANTA CLARA	26,266	6	5,660	4	-	32	2,186	5,283	12,674	318	5	13	1	73	11
SANTA CRUZ	3,446	3	1,399	1	1	7	368	1,095	478	75	1	-	-	16	2
SHASTA	1,845	3	975	1	-	9	495	300	28	18	1	-	-	13	2
SIERRA	12	-	1	-	-	-	5	5	1	-	-	-	-	-	-
SISKIYOU	462	-	215	-	-	2	77	128	1	22	1	1	-	2	13
SOLANO	5,539	5	1,578	-	-	489	155	309	2,901	29	-	-	3	54	16
SONOMA	5,420	4	1,607	2	-	19	539	576	2,528	89	1	-	2	29	24
STANISLAUS	7,115	7	3,277	15	1	12	243	596	2,714	190	-	-	1	56	3
SUTTER	1,127	1	567	-	-	18	219	249	50	6	-	-	-	7	10
TEHAMA	634	-	375	-	-	3	137	86	18	14	-	1	-	-	-
TRINITY	90	-	56	-	-	-	17	8	-	7	-	-	-	1	1
TULARE	6,762	1	4,126	-	-	10	837	1,181	346	219	1	1	2	38	-
TUOLUMNE	440	1	213	2	-	2	89	70	45	14	2	-	-	2	-
VENTURA	11,444	3	4,018	2	-	251	1,512	3,042	2,388	191	2	-	1	29	5
YOLO	2,142	2	808	1	-	11	177	153	941	27	-	1	1	18	2
YUBA	1,006	-	507	-	-	128	118	129	79	13	-	1	1	22	8

¹ City Health Department.

- Represents zero events

TABLE 2-35
NUMBER AND PERCENT OF LIVE BIRTHS BY METHOD OF DELIVERY
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

	TOTAL BIRTHS	METHOD OF DELIVERY					PERCENT OF TOTAL BIRTHS			
		VAGINAL		CESAREAN		NOT STATED	VAGINAL		CESAREAN	
		TOTAL	AFTER PREVIOUS CESAREAN	TOTAL	REPEAT		TOTAL	AFTER PREVIOUS CESAREAN	TOTAL	REPEAT
CALIFORNIA	518,073	400,505	8,937	117,568	45,988	-	77.3	1.7	22.7	8.9
ALAMEDA	20,547	16,489	271	4,058	1,246	-	80.3	1.3	19.7	6.1
Berkeley ¹	944	783	17	161	33	-	82.9	1.8	17.1	3.5
ALPINE	12	9	-	3	2	-	75.0	-	a	a
AMADOR	264	201	3	63	27	-	76.1	a	23.9	10.2
BUTTE	2,256	1,786	41	470	186	-	79.2	1.8	20.8	8.2
CALAVERAS	325	237	4	88	32	-	72.9	a	27.1	9.8
COLUSA	335	275	11	60	23	-	82.1	3.3	17.9	6.9
CONTRA COSTA	12,586	10,079	208	2,507	878	-	80.1	1.7	19.9	7.0
DEL NORTE	298	240	10	58	22	-	80.5	3.4	19.5	7.4
EL DORADO	1,637	1,260	17	377	146	-	77.0	1.0	23.0	8.9
FRESNO	14,019	10,750	124	3,269	1,443	-	76.7	0.9	23.3	10.3
GLENN	386	318	2	68	25	-	82.4	a	17.6	6.5
HUMBOLDT	1,452	1,177	35	275	104	-	81.1	2.4	18.9	7.2
IMPERIAL	2,464	1,701	8	763	392	-	69.0	0.3	31.0	15.9
INYO	190	157	8	33	15	-	82.6	4.2	17.4	7.9
KERN	11,377	9,190	210	2,187	964	-	80.8	1.8	19.2	8.5
KINGS	2,149	1,571	18	578	279	-	73.1	0.8	26.9	13.0
LAKE	579	467	14	112	40	-	80.7	2.4	19.3	6.9
LASSEN	284	226	6	58	21	-	79.6	2.1	20.4	7.4
LOS ANGELES	156,153	116,481	2,428	39,672	16,324	-	74.6	1.6	25.4	10.5
Long Beach ¹	8,492	6,470	97	2,022	884	-	76.2	1.1	23.8	10.4
Pasadena ¹	2,384	1,760	53	624	227	-	73.8	2.2	26.2	9.5
MADERA	1,958	1,560	20	398	173	-	79.7	1.0	20.3	8.8
MARIN	2,650	2,077	103	573	156	-	78.4	3.9	21.6	5.9
MARIPOSA	126	89	1	37	18	-	70.6	a	29.4	14.3
MENDOCINO	1,012	851	34	161	53	-	84.1	3.4	15.9	5.2
MERCED	3,658	2,826	78	832	359	-	77.3	2.1	22.7	9.8
MODOC	68	56	3	12	7	-	82.4	a	17.6	10.3
MONO	119	91	2	28	14	-	76.5	a	23.5	11.8
MONTEREY	6,718	5,236	99	1,482	552	-	77.9	1.5	22.1	8.2
NAPA	1,493	1,215	51	278	91	-	81.4	3.4	18.6	6.1
NEVADA	770	620	23	150	52	-	80.5	3.0	19.5	6.8
ORANGE	46,509	36,042	1,025	10,467	4,022	-	77.5	2.2	22.5	8.6
PLACER	2,954	2,312	31	642	245	-	78.3	1.0	21.7	8.3
PLUMAS	137	92	6	45	18	-	67.2	4.4	32.8	13.1
RIVERSIDE	23,536	18,469	543	5,067	2,171	-	78.5	2.3	21.5	9.2
SACRAMENTO	17,737	14,281	280	3,456	1,233	-	80.5	1.6	19.5	7.0
SAN BENITO	974	749	15	225	119	-	76.9	1.5	23.1	12.2
SAN BERNARDINO	28,397	21,765	663	6,632	2,979	-	76.6	2.3	23.4	10.5
SAN DIEGO	43,261	33,462	561	9,799	3,340	-	77.3	1.3	22.7	7.7
SAN FRANCISCO	8,119	6,584	176	1,535	361	-	81.1	2.2	18.9	4.4
SAN JOAQUIN	8,853	7,077	184	1,776	733	-	79.9	2.1	20.1	8.3
SAN LUIS OBISPO	2,357	1,892	65	465	209	-	80.3	2.8	19.7	8.9
SAN MATEO	10,108	8,152	276	1,956	607	-	80.6	2.7	19.4	6.0
SANTA BARBARA	5,496	4,247	74	1,249	503	-	77.3	1.3	22.7	9.2
SANTA CLARA	26,266	21,041	363	5,225	1,603	-	80.1	1.4	19.9	6.1
SANTA CRUZ	3,446	2,815	63	631	231	-	81.7	1.8	18.3	6.7
SHASTA	1,845	1,418	49	427	188	-	76.9	2.7	23.1	10.2
SIERRA	12	12	-	-	-	-	100.0	-	-	-
SISKIYOU	462	384	18	78	32	-	83.1	3.9	16.9	6.9
SOLANO	5,539	4,399	117	1,140	377	-	79.4	2.1	20.6	6.8
SONOMA	5,420	4,426	95	994	354	-	81.7	1.8	18.3	6.5
STANISLAUS	7,115	5,709	93	1,406	624	-	80.2	1.3	19.8	8.8
SUTTER	1,127	804	34	323	133	-	71.3	3.0	28.7	11.8
TEHAMA	634	507	11	127	50	-	80.0	1.7	20.0	7.9
TRINITY	90	77	3	13	3	-	85.6	a	14.4	a
TULARE	6,762	5,038	108	1,724	807	-	74.5	1.6	25.5	11.9
TUOLUMNE	440	317	9	123	48	-	72.0	2.0	28.0	10.9
VENTURA	11,444	8,605	150	2,839	1,136	-	75.2	1.3	24.8	9.9
YOLO	2,142	1,810	73	332	115	-	84.5	3.4	15.5	5.4
YUBA	1,006	784	20	222	103	-	77.9	2.0	22.1	10.2

¹ City Health Department.

- Represents zero births.

a Percents not calculated for fewer than five events.

NOTE: Percents are rounded independently and may not add to 100.0.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-36
LIVE BIRTHS BY EXPECTED SOURCE OF PAYMENT FOR DELIVERY
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL	EXPECTED SOURCE OF PAYMENT FOR DELIVERY													
		Medi-care	Medi-Cal	Workers' Compen-sation	Title V	Other Government	Blue Cross/ Blue Shield	Private Insurance	HMO/ PHP	Self-Pay	No Charge	Other (Non-Govt.)	Medically Indigent	None	Unknown
CALIFORNIA	518,073	328	208,365	294	63	9,390	39,713	64,219	179,636	13,577	108	100	829	163	1,288
ALAMEDA	20,547	18	4,990	10	4	59	1,175	4,253	8,989	240	10	5	681	5	108
Berkeley ¹	944	1	184	-	-	-	74	182	473	25	-	-	3	-	2
ALPINE	12	-	6	-	-	-	-	5	-	1	-	-	-	-	-
AMADOR	264	-	90	-	-	3	66	32	71	2	-	-	-	-	-
BUTTE	2,256	1	1,144	-	-	11	553	302	185	42	-	14	-	-	4
CALAVERAS	325	-	135	-	-	6	67	45	69	3	-	-	-	-	-
COLUSA	335	-	211	-	-	4	50	34	29	6	-	-	-	-	1
CONTRA COSTA	12,586	9	2,530	2	1	58	886	1,198	7,669	179	5	-	6	6	37
DEL NORTE	298	1	170	-	-	3	63	25	27	8	-	-	-	-	1
EL DORADO	1,637	-	493	-	-	3	259	460	397	24	-	-	-	-	1
FRESNO	14,019	6	8,216	15	1	35	1,329	1,721	2,401	248	13	-	3	9	22
GLENN	386	-	245	-	-	1	85	26	22	6	-	1	-	-	-
HUMBOLDT	1,452	2	723	-	-	10	271	342	22	66	-	-	-	13	3
IMPERIAL	2,464	-	1,282	1	-	20	89	691	81	252	1	-	42	-	5
INYO	190	-	120	-	-	3	48	10	7	-	1	-	-	1	-
KERN	11,377	2	6,366	3	1	151	1,143	1,181	2,316	158	1	-	3	3	49
KINGS	2,149	-	1,098	1	-	16	209	401	83	340	-	-	-	-	1
LAKE	579	1	307	-	-	-	77	67	60	10	-	-	55	1	1
LASSEN	284	1	136	-	-	6	78	4	55	4	-	-	-	-	-
LOS ANGELES	156,153	104	75,048	104	47	449	10,992	17,838	47,457	3,663	27	6	13	24	381
Long Beach ¹	8,492	4	4,170	7	-	32	151	882	3,052	156	1	-	1	8	28
Pasadena ¹	2,384	2	921	4	4	5	170	363	873	37	-	-	1	3	1
MADERA	1,958	-	1,306	3	-	31	117	246	234	14	1	-	-	1	5
MARIN	2,650	1	519	1	-	21	330	165	1,571	38	1	-	-	1	2
MARIPOSA	126	-	57	-	-	-	30	18	17	4	-	-	-	-	-
MENDOCINO	1,012	3	629	4	-	5	151	116	81	20	-	1	-	1	1
MERCED	3,658	3	2,068	4	-	14	415	755	231	156	2	-	-	6	4
MODOC	68	-	37	-	-	-	7	18	-	3	1	1	-	-	1
MONO	119	-	56	1	-	-	16	34	5	7	-	-	-	-	-
MONTEREY	6,718	1	3,411	2	1	396	989	1,693	103	90	1	-	2	5	24
NAPA	1,493	1	436	1	-	7	139	151	740	14	-	1	-	2	1
NEVADA	770	1	234	-	-	-	215	213	77	28	1	-	-	-	1
ORANGE	46,509	17	15,434	19	1	306	2,471	4,936	21,755	1,508	3	6	-	10	43
PLACER	2,954	-	505	-	-	30	345	396	1,620	52	1	-	-	1	4
PLUMAS	137	-	56	-	-	-	38	33	1	9	-	-	-	-	-
RIVERSIDE	23,536	16	10,517	15	2	209	1,071	1,475	9,391	792	-	2	4	3	39
SACRAMENTO	17,737	13	7,030	11	-	130	1,210	940	8,242	121	2	1	5	-	32
SAN BENITO	974	-	388	1	-	1	168	235	173	6	1	-	-	-	1
SAN BERNARDINO	28,397	33	12,622	27	1	1,006	1,428	2,880	9,795	477	6	3	4	15	100
SAN DIEGO	43,261	25	12,469	22	-	5,090	3,499	3,374	15,559	2,945	2	39	-	5	232
SAN FRANCISCO	8,119	3	2,457	3	-	29	381	532	4,567	132	1	-	2	1	11
SAN JOAQUIN	8,853	9	3,431	5	1	23	472	1,672	2,876	342	4	-	2	2	14
SAN LUIS OBISPO	2,357	4	814	2	-	19	490	226	746	48	-	1	3	-	4
SAN MATEO	10,108	9	2,374	3	-	1	533	886	6,118	156	1	-	-	3	24
SANTA BARBARA	5,496	2	2,586	3	-	240	603	1,408	556	88	1	-	-	3	6
SANTA CLARA	26,266	10	5,693	7	-	32	2,186	5,290	12,681	318	-	13	-	16	20
SANTA CRUZ	3,446	2	1,414	2	-	7	367	1,086	484	76	6	-	-	-	2
SHASTA	1,845	4	985	-	-	10	493	302	28	18	1	-	-	-	4
SIERRA	12	-	1	-	-	-	5	5	1	-	-	-	-	-	-
SISKIYOU	462	1	215	-	1	2	77	128	1	22	1	1	-	-	13
SOLANO	5,539	4	1,591	1	-	490	151	304	2,943	35	2	1	2	2	13
SONOMA	5,420	4	1,628	5	-	19	543	572	2,521	91	3	-	1	3	30
STANISLAUS	7,115	8	3,301	7	-	12	243	594	2,724	214	-	1	1	3	7
SUTTER	1,127	1	573	-	-	17	218	251	51	6	-	-	-	-	10
TEHAMA	634	-	371	1	-	4	136	86	18	14	-	1	-	-	3
TRINITY	90	-	57	-	-	-	17	8	-	6	1	-	-	-	1
TULARE	6,762	2	4,179	2	-	10	831	1,162	331	228	1	1	-	12	3
TUOLUMNE	440	2	210	2	1	2	88	72	45	15	2	-	-	1	-
VENTURA	11,444	2	4,046	4	1	249	1,512	3,044	2,391	188	1	-	-	2	4
YOLO	2,142	2	830	-	-	11	170	152	940	30	3	-	-	-	4
YUBA	1,006	-	525	-	-	129	118	126	79	14	-	1	-	3	11

¹ City Health Department.

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-37. LIVE BIRTHS BY WEEKS OF GESTATION, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)

COUNTY	TOTAL	WEEKS OF GESTATION			
		UNDER 37 WEEKS	37 WEEKS- UNDER 42 WEEKS	42 WEEKS AND OVER	NOT STATED
CALIFORNIA	518,073	51,807	399,404	40,349	26,513
ALAMEDA	20,547	2,052	16,259	1,655	581
Berkeley ¹	944	87	771	78	8
ALPINE	12	-	12	-	-
AMADOR	264	24	204	23	13
BUTTE	2,256	239	1,745	192	80
CALAVERAS	325	29	262	24	10
COLUSA	335	29	263	37	6
CONTRA COSTA	12,586	1,267	9,820	1,039	460
DEL NORTE	298	27	231	32	8
EL DORADO	1,637	144	1,271	179	43
FRESNO	14,019	1,387	9,504	988	2,140
GLENN	386	38	290	51	7
HUMBOLDT	1,452	125	1,088	167	72
IMPERIAL	2,464	236	1,897	214	117
INYO	190	13	150	17	10
KERN	11,377	1,285	7,836	1,081	1,175
KINGS	2,149	230	1,658	197	64
LAKE	579	59	395	84	41
LASSEN	284	25	220	31	8
LOS ANGELES	156,153	16,710	120,965	11,324	7,154
Long Beach ¹	8,492	981	6,266	622	623
Pasadena ¹	2,384	285	1,820	153	126
MADERA	1,958	195	1,497	184	82
MARIN	2,650	239	2,197	155	59
MARIPOSA	126	11	105	8	2
MENDOCINO	1,012	81	762	124	45
MERCED	3,658	373	2,703	384	198
MODOC	68	4	52	9	3
MONO	119	10	94	13	2
MONTEREY	6,718	662	5,182	575	299
NAPA	1,493	123	1,097	126	147
NEVADA	770	63	610	70	27
ORANGE	46,509	4,243	37,023	3,004	2,239
PLACER	2,954	238	2,383	219	114
PLUMAS	137	8	117	11	1
RIVERSIDE	23,536	2,539	17,941	1,933	1,123
SACRAMENTO	17,737	1,661	14,086	1,322	668
SAN BENITO	974	91	792	68	23
SAN BERNARDINO	28,397	3,093	21,451	2,293	1,560
SAN DIEGO	43,261	4,267	32,583	3,638	2,773
SAN FRANCISCO	8,119	755	6,728	461	175
SAN JOAQUIN	8,853	959	6,538	882	474
SAN LUIS OBISPO	2,357	189	1,937	159	72
SAN MATEO	10,108	917	8,564	528	99
SANTA BARBARA	5,496	504	4,313	451	228
SANTA CLARA	26,266	2,262	21,011	2,054	939
SANTA CRUZ	3,446	308	2,737	288	113
SHASTA	1,845	154	1,338	172	181
SIERRA	12	1	9	2	-
SISKIYOU	462	44	345	40	33
SOLANO	5,539	504	3,726	447	862
SONOMA	5,420	426	3,782	560	652
STANISLAUS	7,115	777	5,432	631	275
SUTTER	1,127	103	864	114	46
TEHAMA	634	48	482	80	24
TRINITY	90	5	63	17	5
TULARE	6,762	678	5,055	683	346
TUOLUMNE	440	35	359	43	3
VENTURA	11,444	1,046	8,905	961	532
YOLO	2,142	151	1,750	186	55
YUBA	1,006	121	721	119	45

¹ City Health Department.

- Represents zero events.

Note: "Not Stated" includes not only those weeks of gestation not stated, but also 271 live births of less than 17 weeks of gestation and 1,288 live births of 53 weeks or more gestation. These categories reflect inaccuracies rather than actual gestation periods.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-38. LIVE BIRTHS BY MOTHER'S EDUCATION, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL BIRTHS	MOTHER'S EDUCATION IN YEARS COMPLETED								
		NONE	1 - 3 YEARS	4 - 6 YEARS	7 - 9 YEARS	10 - 11 YEARS	12 YEARS	13 - 15 YEARS	16 YEARS & OVER	UNKNOWN
CALIFORNIA	518,073	2,248	7,225	38,517	47,348	59,734	149,261	101,670	104,331	7,739
ALAMEDA	20,547	50	139	802	1,117	1,583	5,519	4,446	6,349	542
Berkeley ¹	944	4	2	13	21	44	143	164	522	31
ALPINE	12	-	-	1	-	2	5	2	2	0
AMADOR	264	1	-	5	11	21	127	54	42	3
BUTTE	2,256	23	24	75	123	292	684	572	458	5
CALAVERAS	325	2	1	2	9	35	142	89	44	1
COLUSA	335	-	8	45	39	61	103	53	23	3
CONTRA COSTA	12,586	34	71	486	521	842	3,517	2,891	4,053	171
DEL NORTE	298	1	1	9	27	56	127	42	23	12
EL DORADO	1,637	2	2	39	58	145	478	459	442	12
FRESNO	14,019	210	417	1,295	1,369	2,370	4,009	2,620	1,660	69
GLENN	386	5	7	46	35	64	116	76	36	1
HUMBOLDT	1,452	4	4	29	51	178	495	364	265	62
IMPERIAL	2,464	3	7	51	320	426	773	569	310	5
INYO	190	-	-	10	12	28	88	33	19	0
KERN	11,377	68	161	737	812	1,779	3,810	2,595	992	423
KINGS	2,149	6	40	169	180	358	736	453	203	4
LAKE	579	1	5	23	35	117	220	117	53	8
LASSEN	284	1	1	5	10	29	119	90	25	4
LOS ANGELES	156,153	501	2,645	15,162	19,344	19,781	43,524	26,504	26,432	2,260
Long Beach ¹	8,492	58	166	828	956	1,182	2,377	1,590	1,231	104
Pasadena ¹	2,384	3	25	144	197	220	497	400	775	123
MADERA	1,958	39	135	266	205	269	594	317	127	6
MARIN	2,650	53	35	134	108	61	339	411	1,496	13
MARIPOSA	126	-	-	-	2	17	53	29	24	1
MENDOCINO	1,012	3	12	69	39	124	420	204	92	49
MERCED	3,658	80	100	418	344	535	1,291	626	245	19
MODOC	68	-	1	2	1	8	31	4	10	11
MONO	119	-	1	18	8	13	35	27	17	0
MONTEREY	6,718	55	215	1,065	901	868	1,641	1,068	878	27
NAPA	1,493	5	20	165	136	113	404	312	317	21
NEVADA	770	-	-	12	15	61	243	236	199	4
ORANGE	46,509	149	735	4,426	4,969	4,125	11,812	8,535	11,416	342
PLACER	2,954	1	6	57	72	147	800	819	1,017	35
PLUMAS	137	1	-	1	5	10	58	41	21	0
RIVERSIDE	23,536	46	290	1,476	2,075	3,245	8,488	4,908	2,721	287
SACRAMENTO	17,737	115	98	439	780	2,188	6,079	4,211	3,412	415
SAN BENITO	974	2	27	87	87	113	290	213	150	5
SAN BERNARDINO	28,397	53	224	1,471	2,515	4,568	10,246	5,644	3,374	302
SAN DIEGO	43,261	130	369	2,072	3,544	4,322	12,732	9,764	9,974	354
SAN FRANCISCO	8,119	97	83	336	520	614	1,707	1,465	3,219	78
SAN JOAQUIN	8,853	94	138	513	589	1,216	3,027	1,953	966	357
SAN LUIS OBISPO	2,357	4	18	110	104	223	716	590	556	36
SAN MATEO	10,108	82	108	618	614	636	2,057	1,849	4,091	53
SANTA BARBARA	5,496	45	144	715	559	533	1,454	970	1,032	44
SANTA CLARA	26,266	58	212	1,437	1,655	1,962	5,733	5,354	9,438	417
SANTA CRUZ	3,446	19	89	389	328	295	794	607	834	91
SHASTA	1,845	3	4	15	56	293	691	534	238	11
SIERRA	12	-	-	1	1	-	4	4	2	0
SISKIYOU	462	-	1	-	15	62	116	90	63	115
SOLANO	5,539	10	35	163	245	519	1,951	1,569	989	58
SONOMA	5,420	24	69	442	372	479	1,412	1,267	1,262	93
STANISLAUS	7,115	32	95	460	535	1,070	2,598	1,497	782	46
SUTTER	1,127	9	8	83	66	174	399	247	134	7
TEHAMA	634	3	13	40	35	116	241	117	66	3
TRINITY	90	-	-	-	3	24	35	18	10	0
TULARE	6,762	58	226	888	705	1,117	2,031	1,233	485	19
TUOLUMNE	440	-	-	3	4	64	224	82	62	1
VENTURA	11,444	42	135	968	839	938	2,986	2,228	2,507	801
YOLO	2,142	5	22	128	163	234	562	396	602	30
YUBA	1,006	19	24	39	61	211	375	202	72	3

¹ City Health Department.

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-39
LIVE BIRTHS BY FATHER'S EDUCATION
CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999
(By Place of Residence)

COUNTY	TOTAL BIRTHS	FATHER'S EDUCATION IN YEARS COMPLETED								
		NONE	1 - 3 YEARS	4 - 6 YEARS	7 - 9 YEARS	10 -11 YEARS	12 YEARS	13 - 15 YEARS	16 YEARS & OVER	UNKNOWN
CALIFORNIA	518,073	2,460	7,060	37,306	40,019	42,566	147,729	85,488	108,855	46,590
ALAMEDA	20,547	57	117	782	907	1,088	5,719	3,653	6,550	1,674
Berkeley ¹	944	3	1	9	21	24	162	119	525	80
ALPINE	12	-	-	1	1	3	5	-	2	-
AMADOR	264	-	1	2	8	28	114	61	33	17
BUTTE	2,256	20	23	94	91	180	694	490	450	214
CALAVERAS	325	2	1	7	5	34	149	57	46	24
COLUSA	335	3	10	60	35	36	106	37	26	22
CONTRA COSTA	12,586	28	64	420	474	576	3,561	2,426	4,150	887
DEL NORTE	298	-	2	13	15	45	117	34	23	49
EL DORADO	1,637	3	2	33	44	86	518	375	452	124
FRESNO	14,019	158	441	1,346	960	1,790	3,774	2,169	1,693	1,688
GLENN	386	5	5	47	43	31	131	56	29	39
HUMBOLDT	1,452	2	1	37	38	161	444	304	276	189
IMPERIAL	2,464	5	11	76	252	340	758	482	301	239
INYO	190	-	2	8	8	13	81	29	26	23
KERN	11,377	79	181	749	602	1,317	3,604	2,176	1,018	1,651
KINGS	2,149	7	58	166	169	259	781	381	175	153
LAKE	579	2	8	29	16	88	219	99	46	72
LASSEN	284	1	-	3	6	25	120	87	24	18
LOS ANGELES	156,153	466	2,386	14,435	16,593	13,900	42,743	21,732	27,651	16,247
Long Beach ¹	8,492	27	144	683	752	714	2,396	1,298	1,247	1,231
Pasadena ¹	2,384	2	26	162	155	154	506	319	787	273
MADERA	1,958	35	135	269	182	197	595	230	125	190
MARIN	2,650	81	27	108	111	49	348	359	1,476	91
MARIPOSA	126	1	-	1	1	16	46	29	23	9
MENDOCINO	1,012	7	24	73	31	75	422	165	94	121
MERCED	3,658	83	113	425	298	397	1,233	493	242	374
MODOC	68	-	2	1	4	5	21	14	3	18
MONO	119	1	1	17	10	10	33	25	17	5
MONTEREY	6,718	65	237	1,052	835	624	1,593	880	922	510
NAPA	1,493	10	25	172	141	100	388	265	308	84
NEVADA	770	-	-	13	16	32	264	227	178	40
ORANGE	46,509	137	661	4,029	4,727	2,836	11,121	7,616	12,522	2,860
PLACER	2,954	-	9	72	64	112	758	701	1,093	145
PLUMAS	137	-	-	4	3	12	52	37	20	9
RIVERSIDE	23,536	53	311	1,557	1,607	2,570	8,318	4,283	2,716	2,121
SACRAMENTO	17,737	73	92	439	525	1,559	5,904	3,630	3,730	1,785
SAN BENITO	974	6	20	81	90	93	310	171	146	57
SAN BERNARDINO	28,397	44	237	1,441	1,921	3,253	10,311	4,900	3,423	2,867
SAN DIEGO	43,261	90	368	1,981	2,799	2,880	13,679	8,282	10,404	2,778
SAN FRANCISCO	8,119	139	67	296	427	434	1,786	1,206	3,194	570
SAN JOAQUIN	8,853	47	135	551	432	908	3,053	1,604	973	1,150
SAN LUIS OBISPO	2,357	3	20	115	102	145	722	541	556	153
SAN MATEO	10,108	318	110	564	562	435	2,208	1,621	4,026	264
SANTA BARBARA	5,496	38	154	733	524	432	1,394	769	1,063	389
SANTA CLARA	26,266	96	200	1,301	1,373	1,320	5,095	4,298	10,600	1,983
SANTA CRUZ	3,446	18	87	390	344	211	738	517	825	316
SHASTA	1,845	6	3	22	38	184	698	450	268	176
SIERRA	12	-	-	1	-	-	6	5	-	-
SISKIYOU	462	-	-	2	7	39	134	74	58	148
SOLANO	5,539	16	28	184	173	359	2,040	1,342	990	407
SONOMA	5,420	31	91	437	338	352	1,483	1,112	1,211	365
STANISLAUS	7,115	32	105	484	421	831	2,658	1,187	776	621
SUTTER	1,127	6	19	78	89	107	356	265	133	74
TEHAMA	634	4	14	38	41	77	237	104	56	63
TRINITY	90	1	1	-	3	14	38	17	8	8
TULARE	6,762	84	257	943	572	788	1,900	905	419	894
TUOLUMNE	440	8	-	2	8	40	218	73	53	38
VENTURA	11,444	28	148	924	766	725	2,985	1,914	2,586	1,368
YOLO	2,142	53	29	140	123	187	577	319	587	127
YUBA	1,006	8	17	58	44	158	369	210	60	82

¹ City Health Department.

- Represents zero events.

TABLE 2-40. NUMBER AND PERCENT OF LIVE BIRTHS TO UNMARRIED WOMEN BY RACE/ETHNICITY OF MOTHER, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)

COUNTY	LIVE BIRTHS TO UNMARRIED WOMEN							PERCENT OF ALL LIVE BIRTHS						
	TOTAL	RACE/ETHNICITY ¹ OF MOTHER						TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN		AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN
CALIFORNIA	170,134	1,367	7,960	21,405	102,933	35,862	607	32.8	54.7	14.0	62.7	41.3	20.8	22.5
ALAMEDA	5,491	50	537	2,069	1,770	1,026	39	26.7	56.8	11.3	61.7	30.8	15.9	26.2
Berkeley ²	213	2	10	114	28	55	4	22.6	a	8.6	65.1	18.9	11.2	a
ALPINE	3	3	-	-	-	-	-	a	a	-	-	-	-	-
AMADOR	73	4	1	2	11	55	-	27.7	a	a	a	31.4	25.7	-
BUTTE	773	38	24	35	171	505	-	34.3	62.3	17.1	72.9	41.5	31.7	-
CALAVERAS	107	6	-	-	17	84	-	32.9	100.0	-	-	45.9	30.0	-
COLUSA	109	6	-	-	74	29	-	32.5	100.0	-	-	34.3	26.4	-
CONTRA COSTA	3,209	16	212	869	1,071	1,033	8	25.5	41.0	13.5	60.7	32.3	16.8	9.5
DEL NORTE	127	24	2	1	25	75	-	42.6	64.9	a	a	44.6	39.1	-
EL DORADO	426	9	12	6	101	298	-	26.0	47.4	19.4	50.0	38.8	23.2	-
FRESNO	5,961	67	247	555	4,026	1,066	-	42.5	62.6	20.3	70.9	49.9	27.8	-
GLENN	126	4	1	-	58	63	-	32.6	a	a	-	33.9	32.3	-
HUMBOLDT	536	90	10	5	58	365	8	36.9	67.2	27.0	41.7	37.7	34.0	18.6
IMPERIAL	978	-	3	20	771	182	2	39.7	-	a	76.9	41.2	34.2	a
INYO	80	18	1	1	28	32	-	42.1	72.0	a	a	47.5	31.7	-
KERN	4,717	31	78	478	2,727	1,383	20	41.5	41.3	19.1	72.2	46.3	32.2	37.7
KINGS	864	20	16	77	543	208	-	40.2	66.7	20.8	69.4	47.5	26.4	-
LAKE	272	24	4	3	55	185	1	47.0	82.8	a	a	44.0	45.6	a
LASSEN	18	2	-	-	6	10	-	6.3	a	-	-	19.4	4.4	-
LOS ANGELES	59,361	159	1,968	9,065	42,860	5,224	85	38.0	58.9	13.1	66.1	44.1	17.6	22.1
Long Beach ²	3,739	8	387	971	1,925	446	2	44.0	57.1	35.7	72.1	44.0	26.8	a
Pasadena ²	676	3	12	208	384	69	-	28.4	a	4.8	65.4	35.6	9.7	-
MADERA	868	14	2	37	635	179	1	44.3	60.9	a	78.7	48.6	32.5	a
MARIN	351	1	16	30	175	127	2	13.2	a	8.3	62.5	32.2	6.9	a
MARIPOSA	43	2	-	1	4	36	-	34.1	a	-	a	32.4	-	-
MENDOCINO	401	60	5	1	93	236	6	39.6	74.1	38.5	a	29.2	40.8	33.3
MERCED	1,405	10	61	80	890	364	-	38.4	55.6	21.3	69.6	40.9	34.3	-
MODOC	14	3	-	-	-	11	-	20.6	a	-	-	-	21.2	-
MONO	19	1	-	-	8	10	-	16.0	a	-	-	17.8	14.5	-
MONTEREY	2,359	10	92	81	1,881	287	8	35.1	47.6	23.8	58.7	41.8	17.5	22.9
NAPA	340	1	7	6	172	154	-	22.8	a	12.3	54.5	25.3	20.9	-
NEVADA	216	3	1	-	31	180	1	28.1	a	a	-	40.3	26.6	a
ORANGE	11,828	27	568	266	8,590	2,355	22	25.4	35.5	9.4	42.4	37.7	14.0	12.8
PLACER	557	6	6	8	142	395	-	18.9	54.5	4.2	27.6	32.6	17.0	-
PLUMAS	32	-	1	-	3	28	-	23.4	-	a	-	a	24.1	-
RIVERSIDE	8,539	76	188	837	5,016	2,413	9	36.3	55.1	22.3	58.8	40.4	27.8	22.5
SACRAMENTO	5,940	69	556	1,354	1,606	2,335	20	33.5	53.5	21.9	65.6	41.2	25.8	35.1
SAN BENITO	290	1	5	1	243	40	-	29.8	a	12.8	a	40.1	12.7	-
SAN BERNARDINO	11,018	84	211	1,684	6,161	2,863	15	38.8	58.3	15.6	62.6	42.1	30.0	32.6
SAN DIEGO	12,344	99	829	1,394	6,973	3,028	21	28.5	42.5	19.1	50.9	37.9	17.4	16.3
SAN FRANCISCO	2,011	11	366	554	713	359	8	24.8	61.1	13.6	71.4	39.1	13.1	10.3
SAN JOAQUIN	3,421	33	365	459	1,576	986	2	38.6	56.9	31.1	68.4	42.7	30.3	a
SAN LUIS OBISPO	629	12	13	12	228	364	-	26.7	63.2	17.8	50.0	34.8	23.0	-
SAN MATEO	2,012	8	294	172	1,149	377	12	19.9	42.1	12.2	59.7	34.7	9.4	16.0
SANTA BARBARA	1,552	7	39	50	1,092	357	7	28.2	31.8	17.7	51.5	34.5	18.1	33.3
SANTA CLARA	5,596	34	625	266	3,580	1,012	79	21.3	47.9	8.0	43.3	39.3	12.2	19.6
SANTA CRUZ	1,059	4	12	8	690	332	13	30.7	a	10.8	47.1	40.2	21.9	17.1
SHASTA	724	47	25	19	80	548	5	39.2	58.0	52.1	86.4	43.2	36.5	71.4
SIERRA	1	-	-	-	-	1	-	a	-	-	-	-	a	-

SISKIYOU	157	8	3	3	32	111	-	34.0	50.0	a	a	42.7	31.4	-
SOLANO	1,816	14	221	538	472	570	1	32.8	41.2	25.7	61.8	33.4	24.2	a
SONOMA	1,464	28	53	36	611	723	13	27.0	59.6	21.2	45.6	34.3	22.4	38.2
STANISLAUS	2,566	31	95	130	1,290	1,018	2	36.1	59.6	24.5	69.1	40.8	30.8	a
SUTTER	331	4	11	14	128	174	-	29.4	a	5.9	63.6	35.9	31.5	-
TEHAMA	258	14	-	3	75	166	-	40.7	66.7	-	a	41.9	39.3	-
TRINITY	21	3	-	-	2	16	-	23.3	a	-	-	a	22.2	-
TULARE	2,905	33	66	63	2,094	648	1	43.0	73.3	33.0	73.3	46.6	33.5	a
TUOLUMNE	157	12	1	-	14	130	-	35.7	57.1	a	-	32.6	35.2	-
VENTURA	2,731	13	65	83	1,755	622	193	23.9	31.7	10.3	47.4	31.9	14.1	28.5
YOLO	568	8	18	15	286	238	3	26.5	36.4	10.8	36.6	33.8	22.5	a
YUBA	360	5	24	14	71	246	-	35.8	71.4	20.5	50.0	35.0	37.8	-

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

² City Health Department - Represents zero events. a Percents are not calculated for fewer than five events.

Note: Percents are calculated using total births, which include unknown and not reported data.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-41. NUMBER AND PERCENT OF BIRTHS WITH SELECTED DEMOGRAPHIC CHARACTERISTICS BY RACE/ETHNICITY¹ OF MOTHER
CALIFORNIA, 1999 (By Place of Residence)

RACE/ ETHNICITY OF MOTHER	NUMBER OF BIRTHS BY DEMOGRAPHIC CHARACTERISTICS						
	Mothers Under 20 Years of Age	Mother Completed 12 Years or More of School	Mother Born in the United States	Unmarried Mother ²	4th & Higher Birth Order	Father Under 20 Years of Age	Father Completed 12 Years or More of School
TOTAL	57,615	355,262	286,372	170,134	64,332	21,009	342,072
AMERICAN INDIAN	467	1,763	2,463	1,367	468	177	1,697
ASIAN/PACIFIC ISLANDER	2,677	49,959	8,554	7,960	4,278	967	49,644
BLACK	5,507	27,548	31,558	21,405	5,926	2,173	25,093
HISPANIC	37,418	118,705	88,298	102,933	38,435	13,593	112,784
WHITE/OTHER RACES	11,337	156,675	153,735	35,862	14,985	4,032	152,251
UNKNOWN	209	612	1,764	607	240	67	603
RACE/ ETHNICITY OF MOTHER	PERCENT OF BIRTHS BY DEMOGRAPHIC CHARACTERISTICS ³						
	Mothers Under 20 Years of Age	Mother Completed 12 Years or More of School	Mother Born in the United States	Unmarried Mother ²	4th & Higher Birth Order	Father Under 20 Years of Age	Father Completed 12 Years or More of School
TOTAL	11.1	68.6	55.3	32.8	12.4	4.1	66.0
AMERICAN INDIAN	18.7	70.5	98.5	54.7	18.7	7.1	67.9
ASIAN/PACIFIC ISLANDER	4.7	87.6	15.0	14.0	7.5	1.7	87.0
BLACK	16.1	80.7	92.4	62.7	17.4	6.4	73.5
HISPANIC	15.0	47.6	35.4	41.3	15.4	5.5	45.2
WHITE/OTHER RACES	6.6	90.9	89.2	20.8	8.7	2.3	88.3
UNKNOWN	7.8	22.7	65.5	22.5	8.9	2.5	22.4

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

² Starting in 1997, unmarried status is no longer inferred. See Chapter 6.

³ Percents are calculated using total births, which includes unknown and not reported in the specified category.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-42. NUMBER AND PERCENT OF BIRTHS WITH SELECTED MEDICAL CHARACTERISTICS BY RACE/ETHNICITY¹ OF MOTHER, CALIFORNIA 1999 (By Place of Residence)

RACE/ ETHNICITY OF MOTHER	NUMBER OF BIRTHS BY MEDICAL CHARACTERISTICS			
	Late or No Prenatal Care ²	Preterm Birth ³	Cesarean Birth	Low Birthweight ⁴
TOTAL	16,319	51,807	117,568	31,686
AMERICAN INDIAN	169	272	532	150
ASIAN/PACIFIC ISLANDER	1,463	5,500	12,443	3,906
BLACK	1,301	4,955	8,892	4,045
HISPANIC	9,901	25,474	54,622	13,805
WHITE/OTHER RACES	3,425	15,350	40,451	9,571
UNKNOWN	60	256	628	209
RACE/ ETHNICITY OF MOTHER	PERCENT OF BIRTHS BY MEDICAL CHARACTERISTICS ⁵			
	Late or No Prenatal Care ²	Preterm Birth ³	Cesarean Birth	Low Birthweight ⁴
TOTAL	3.1	10.0	22.7	6.1
AMERICAN INDIAN	6.8	10.9	21.3	6.0
ASIAN/PACIFIC ISLANDER	2.6	9.6	21.8	6.8
BLACK	3.8	14.5	26.0	11.8
HISPANIC	4.0	10.2	21.9	5.5
WHITE/OTHER RACES	2.0	8.9	23.5	5.6
UNKNOWN	2.2	9.5	23.3	7.8

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

² Third trimester or no prenatal care.

³ Birth prior to 37 completed weeks of gestation.

⁴ Birthweight of less than 2500 grams (5lb 8oz).

⁵ Percents are calculated using total births, which includes unknown and not reported in the specified category.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-43
LIVE BIRTHS BY LIVE BIRTH ORDER
AND BY RACE/ETHNICITY¹ AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

RACE/ETHNICITY AND AGE OF MOTHER	TOTAL BIRTHS	LIVE BIRTH ORDER					
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER	UNKNOWN
TOTAL	518,073	200,595	163,823	88,942	37,753	26,579	381
UNDER 15	1,038	1,018	17	-	-	-	3
15-17	20,209	17,979	2,077	131	10	5	7
18-19	36,368	26,767	8,032	1,385	131	22	31
20-24	120,270	55,755	42,272	16,223	4,531	1,406	83
25-29	137,637	46,618	46,889	27,416	11,029	5,608	77
30-34	121,779	34,143	40,187	26,241	12,272	8,852	84
35-39	65,532	15,013	20,317	14,504	7,841	7,781	76
40 AND OVER	15,176	3,282	4,019	3,028	1,933	2,898	16
AGE UNKNOWN	64	20	13	14	6	7	4
AMERICAN INDIAN	2,501	924	665	442	222	246	2
UNDER 15	5	5	-	-	-	-	-
15-17	168	152	15	1	-	-	-
18-19	294	214	68	9	2	1	-
20-24	790	300	255	164	57	14	-
25-29	602	143	165	146	72	76	-
30-34	395	68	111	83	43	89	1
35-39	200	32	42	33	41	51	1
40 AND OVER	47	10	9	6	7	15	-
AGE UNKNOWN	-	-	-	-	-	-	-
ASIAN/PACIFIC ISLANDER	57,046	26,144	19,425	7,184	2,298	1,980	15
UNDER 15	43	43	-	-	-	-	-
15-17	892	794	85	11	2	-	-
18-19	1,742	1,344	296	82	16	3	1
20-24	7,371	4,440	1,983	602	206	138	2
25-29	16,449	8,792	5,148	1,557	549	400	3
30-34	18,291	7,377	7,105	2,458	731	616	4
35-39	9,982	2,778	4,085	1,976	602	537	4
40 AND OVER	2,274	574	723	498	192	286	1
AGE UNKNOWN	2	2	-	-	-	-	-
BLACK	34,136	12,617	9,632	5,919	2,913	3,013	42
UNDER 15	119	115	4	-	-	-	-
15-17	1,865	1,658	188	17	1	-	1
18-19	3,523	2,576	773	152	17	1	4
20-24	9,902	4,184	3,311	1,549	593	254	11
25-29	8,072	1,969	2,521	1,850	936	788	8
30-34	6,353	1,349	1,779	1,407	794	1,020	4
35-39	3,506	642	895	761	463	734	11
40 AND OVER	787	123	159	182	107	213	3
AGE UNKNOWN	9	1	2	1	2	3	-
HISPANIC	249,253	87,079	74,994	48,584	22,770	15,665	161
UNDER 15	733	720	11	-	-	-	2
15-17	14,042	12,351	1,582	93	6	4	6
18-19	22,643	16,082	5,493	963	74	15	16
20-24	71,544	30,844	26,411	10,572	2,883	784	50
25-29	68,067	16,800	23,753	16,995	7,151	3,328	40
30-34	46,461	7,254	12,704	13,547	7,573	5,357	26
35-39	21,011	2,564	4,316	5,481	4,130	4,500	20
40 AND OVER	4,720	453	715	928	950	1,673	1
AGE UNKNOWN	32	11	9	5	3	4	-
WHITE/OTHER RACES	172,442	72,585	58,330	26,457	9,400	5,585	85
UNDER 15	131	129	2	-	-	-	-
15-17	3,166	2,953	202	9	1	1	-
18-19	8,040	6,456	1,378	178	22	1	5
20-24	30,219	15,751	10,171	3,296	778	212	11
25-29	43,858	18,627	15,127	6,796	2,289	1,004	15
30-34	49,524	17,783	18,264	8,623	3,085	1,744	25
35-39	30,302	8,806	10,817	6,160	2,567	1,929	23
40 AND OVER	7,186	2,075	2,367	1,388	657	694	5
AGE UNKNOWN	16	5	2	7	1	-	1
UNKNOWN	2,695	1,246	777	356	150	90	76
UNDER 15	7	6	-	-	-	-	1
15-17	76	71	5	-	-	-	-
18-19	126	95	24	1	-	1	5
20-24	444	236	141	40	14	4	9
25-29	589	287	175	72	32	12	11
30-34	755	312	224	123	46	26	24
35-39	531	191	162	93	38	30	17
40 AND OVER	162	47	46	26	20	17	6
AGE UNKNOWN	5	1	-	1	-	-	3

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-44
LIVE BIRTHS TO UNMARRIED WOMEN BY LIVE BIRTH ORDER
AND BY RACE/ETHNICITY¹ AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

RACE/ETHNICITY AND AGE OF MOTHER	TOTAL BIRTHS TO UNMARRIED WOMEN	LIVE BIRTH ORDER					
		FIRST	SECOND	THIRD	FOURTH	FIFTH OR HIGHER	UNKNOWN
TOTAL	170,134	78,844	43,883	24,687	12,210	10,329	181
UNDER 15	999	979	17	-	-	-	3
15-17	17,439	15,644	1,667	112	6	3	7
18-19	25,652	19,098	5,470	956	93	14	21
20-24	56,588	26,730	18,504	7,978	2,513	810	53
25-29	35,441	9,543	10,743	8,165	4,188	2,762	40
30-34	20,492	4,136	4,884	4,797	3,218	3,433	24
35-39	10,723	2,126	2,109	2,159	1,772	2,530	27
40 AND OVER	2,776	580	484	517	417	773	5
AGE UNKNOWN	24	8	5	3	3	4	1
AMERICAN INDIAN	1,367	589	313	207	111	146	1
UNDER 15	5	5	-	-	-	-	-
15-17	155	141	13	1	-	-	-
18-19	232	176	47	7	1	1	-
20-24	473	191	140	99	35	8	-
25-29	271	43	66	66	36	60	-
30-34	137	16	28	24	21	47	1
35-39	73	12	15	6	16	24	-
40 AND OVER	21	5	4	4	2	6	-
AGE UNKNOWN	-	-	-	-	-	-	-
ASIAN/PACIFIC ISLANDER	7,960	4,488	1,872	852	414	331	3
UNDER 15	38	38	-	-	-	-	-
15-17	720	655	59	6	-	-	-
18-19	1,148	931	176	35	5	1	-
20-24	2,506	1,507	699	210	66	23	1
25-29	1,735	733	503	278	136	84	1
30-34	1,046	377	261	183	107	118	-
35-39	597	193	138	108	79	78	1
40 AND OVER	169	53	36	32	21	27	-
AGE UNKNOWN	1	1	-	-	-	-	-
BLACK	21,405	8,981	5,497	3,221	1,707	1,960	39
UNDER 15	118	114	4	-	-	-	-
15-17	1,782	1,589	174	17	1	-	1
18-19	3,128	2,290	684	133	16	1	4
20-24	7,435	3,252	2,407	1,129	444	192	11
25-29	4,386	997	1,281	1,005	554	542	7
30-34	2,760	468	613	589	438	648	4
35-39	1,442	216	275	273	214	454	10
40 AND OVER	348	54	58	75	38	121	2
AGE UNKNOWN	6	1	1	-	2	2	-
HISPANIC	102,933	45,655	27,436	15,745	7,778	6,243	75
UNDER 15	702	689	11	-	-	-	2
15-17	11,973	10,597	1,281	81	5	3	6
18-19	15,527	11,072	3,705	671	57	10	12
20-24	34,482	15,365	11,799	5,229	1,598	467	24
25-29	21,748	5,301	6,722	5,347	2,730	1,628	20
30-34	11,715	1,797	2,763	3,009	2,058	2,083	5
35-39	5,468	695	973	1,175	1,068	1,551	6
40 AND OVER	1,306	135	178	233	261	499	-
AGE UNKNOWN	12	4	4	1	1	2	-
WHITE/OTHER RACES	35,862	18,802	8,626	4,601	2,169	1,624	40
UNDER 15	129	127	2	-	-	-	-
15-17	2,744	2,601	136	7	-	-	-
18-19	5,532	4,561	844	110	14	1	2
20-24	11,507	6,315	3,400	1,297	366	118	11
25-29	7,195	2,431	2,142	1,449	722	441	10
30-34	4,760	1,453	1,200	982	587	530	8
35-39	3,082	988	697	587	388	416	6
40 AND OVER	909	324	205	168	92	118	2
AGE UNKNOWN	4	2	-	1	-	-	1
UNKNOWN	607	329	139	60	31	25	23
UNDER 15	7	6	-	-	-	-	1
15-17	65	61	4	-	-	-	-
18-19	85	68	14	-	-	-	3
20-24	185	100	59	14	4	2	6
25-29	106	38	29	20	10	7	2
30-34	74	25	19	10	7	7	6
35-39	61	22	11	10	7	7	4
40 AND OVER	23	9	3	5	3	2	1
AGE UNKNOWN	1	-	-	1	-	-	-

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-45. LIVE BIRTHS BY LIVE BIRTH ORDER AND BY RACE AND AGE OF MOTHER, CALIFORNIA, 1999 (By Place of Residence)

RACE OF MOTHER AND LIVE BIRTH ORDER	TOTAL	AGE OF MOTHER										
		UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50 AND OVER	NOT STATED
TOTAL	518,073	1,038	20,209	36,368	120,270	137,637	121,779	65,532	14,272	838	66	64
FIRST	200,595	1,018	17,979	26,767	55,755	46,618	34,143	15,013	3,056	207	19	20
SECOND	163,823	17	2,077	8,032	42,272	46,889	40,187	20,317	3,812	193	14	13
THIRD	88,942	0	131	1,385	16,223	27,416	26,241	14,504	2,867	149	12	14
FOURTH	37,753	0	10	131	4,531	11,029	12,272	7,841	1,838	89	6	6
FIFTH OR HIGHER	26,579	0	5	22	1,406	5,608	8,852	7,781	2,683	200	15	7
NOT STATED	381	3	7	31	83	77	84	76	16	0	0	4
AMERICAN INDIAN	3,174	8	235	384	982	750	497	252	61	5	-	-
FIRST	1,196	8	206	278	375	185	87	45	11	1	-	-
SECOND	841	-	25	90	319	213	129	56	7	2	-	-
THIRD	563	-	3	13	202	175	114	45	11	-	-	-
FOURTH	276	-	-	2	69	84	62	46	11	2	-	-
FIFTH OR HIGHER	295	-	-	1	17	93	104	59	21	-	-	-
NOT STATED	3	-	1	-	-	-	1	1	-	-	-	-
BLACK	35,138	124	1,953	3,656	10,231	8,297	6,493	3,572	775	28	-	9
FIRST	13,059	120	1,737	2,679	4,327	2,033	1,383	655	121	3	-	1
SECOND	9,909	4	197	799	3,424	2,579	1,827	913	157	7	-	2
THIRD	6,074	-	17	154	1,593	1,913	1,442	771	178	5	-	1
FOURTH	2,978	-	1	19	615	956	801	476	105	3	-	2
FIFTH OR HIGHER	3,076	-	-	1	261	808	1,036	746	211	10	-	3
NOT STATED	42	-	1	4	11	8	4	11	3	-	-	-
CAMBODIAN	1,566	7	93	166	310	474	333	141	39	2	1	-
FIRST	587	7	85	121	137	161	61	12	3	-	-	-
SECOND	435	-	6	39	110	160	88	29	3	-	-	-
THIRD	234	-	2	5	43	78	72	26	7	1	-	-
FOURTH	132	-	-	-	13	44	48	24	3	-	-	-
FIFTH OR HIGHER	178	-	-	1	7	31	64	50	23	1	1	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
CHINESE	11,357	-	21	49	435	2,614	4,656	3,020	529	30	2	1
FIRST	5,658	-	20	46	331	1,752	2,335	994	167	11	1	1
SECOND	4,321	-	1	3	88	702	1,836	1,454	226	11	-	-
THIRD	1,101	-	-	-	16	124	386	465	107	3	-	-
FOURTH	225	-	-	-	-	29	87	84	21	4	-	-
FIFTH OR HIGHER	51	-	-	-	-	7	12	22	8	1	1	-
NOT STATED	1	-	-	-	-	-	-	1	-	-	-	-
ESKIMO/ALEUT	15	-	-	-	5	5	4	1	-	-	-	-
FIRST	6	-	-	-	3	2	1	-	-	-	-	-
SECOND	7	-	-	-	2	3	2	-	-	-	-	-
THIRD	1	-	-	-	-	-	1	-	-	-	-	-
FOURTH	1	-	-	-	-	-	-	1	-	-	-	-
FIFTH OR HIGHER	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	14,951	8	259	628	2,619	4,026	4,236	2,495	647	32	-	1
FIRST	6,419	8	249	533	1,595	1,884	1,466	550	123	10	-	1
SECOND	5,139	-	9	81	786	1,406	1,650	992	205	10	-	-
THIRD	2,332	-	1	14	192	536	791	624	166	8	-	-
FOURTH	724	-	-	-	41	151	228	219	82	3	-	-
FIFTH OR HIGHER	334	-	-	-	5	49	99	109	71	1	-	-
NOT STATED	3	-	-	-	-	-	2	1	-	-	-	-
INDIAN (INDIA)	5,687	-	5	49	796	2,350	1,871	544	64	7	1	-
FIRST	2,861	-	5	47	622	1,413	647	108	17	2	-	-
SECOND	2,136	-	-	2	150	765	936	259	23	1	-	-
THIRD	545	-	-	-	19	133	242	132	15	3	1	-
FOURTH	113	-	-	-	4	32	35	36	5	1	-	-
FIFTH OR HIGHER	28	-	-	-	-	6	11	7	4	-	-	-
NOT STATED	4	-	-	-	1	1	-	2	-	-	-	-
JAPANESE	2,963	1	12	37	161	588	1,157	807	186	14	-	-
FIRST	1,458	1	12	34	112	367	581	288	58	5	-	-
SECOND	1,066	-	-	3	39	185	441	326	69	3	-	-
THIRD	334	-	-	-	6	30	111	144	39	4	-	-
FOURTH	77	-	-	-	4	4	19	36	13	1	-	-
FIFTH OR HIGHER	27	-	-	-	-	2	5	12	7	1	-	-
NOT STATED	1	-	-	-	-	-	-	1	-	-	-	-
KOREAN	3,926	1	10	37	207	1,476	1,446	636	107	6	-	-
FIRST	1,954	1	9	34	162	986	557	176	28	1	-	-
SECOND	1,427	-	1	3	32	436	650	266	36	3	-	-
THIRD	455	-	-	-	7	50	209	153	34	2	-	-
FOURTH	71	-	-	-	5	4	23	33	6	-	-	-
FIFTH OR HIGHER	17	-	-	-	-	-	7	8	2	-	-	-
NOT STATED	2	-	-	-	1	-	-	-	1	-	-	-
LAOTIAN	1,022	3	72	88	271	295	193	74	17	8	1	-
FIRST	373	3	60	56	117	97	31	7	1	1	-	-
SECOND	273	-	10	29	81	87	47	18	1	-	-	-
THIRD	159	-	2	3	36	58	41	17	2	-	-	-
FOURTH	88	-	-	-	18	30	26	12	1	1	-	-
FIFTH OR HIGHER	128	-	-	-	19	22	48	20	12	6	1	-
NOT STATED	1	-	-	-	-	1	-	-	-	-	-	-

TABLE 2-45. LIVE BIRTHS BY LIVE BIRTH ORDER AND BY RACE AND AGE OF MOTHER, CALIFORNIA, 1999 (By Place of Residence)

RACE OF MOTHER AND LIVE BIRTH ORDER	TOTAL	AGE OF MOTHER										
		UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50 AND OVER	NOT STATED
PACIFIC ISLANDER	3,013	4	93	217	802	851	637	313	96	-	-	-
FIRST	1,020	4	82	176	345	218	138	49	8	-	-	-
SECOND	824	-	11	32	284	258	154	64	21	-	-	-
THIRD	541	-	-	8	121	185	134	75	18	-	-	-
FOURTH	297	-	-	1	41	108	99	37	11	-	-	-
FIFTH OR HIGHER	331	-	-	-	11	82	112	88	38	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
THAI	561	-	26	46	120	131	122	85	31	-	-	-
FIRST	304	-	22	29	66	69	70	37	11	-	-	-
SECOND	183	-	4	14	31	48	37	34	15	-	-	-
THIRD	53	-	-	3	17	11	10	8	4	-	-	-
FOURTH	15	-	-	-	3	3	4	5	-	-	-	-
FIFTH OR HIGHER	6	-	-	-	3	-	1	1	1	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
VIETNAMESE	8,053	2	68	133	1,005	2,737	2,625	1,197	272	14	-	-
FIRST	4,049	2	67	114	709	1,497	1,177	386	94	3	-	-
SECOND	2,609	-	1	15	240	871	962	448	72	-	-	-
THIRD	928	-	-	4	47	258	327	229	61	2	-	-
FOURTH	313	-	-	-	8	85	111	79	26	4	-	-
FIFTH OR HIGHER	152	-	-	-	1	25	47	55	19	5	-	-
NOT STATED	2	-	-	-	-	1	1	-	-	-	-	-
WHITE	416,039	841	16,874	30,111	100,227	110,436	94,921	50,804	11,075	655	47	48
FIRST	157,397	826	15,016	22,099	45,888	34,966	24,799	11,278	2,326	167	16	16
SECOND	131,652	13	1,743	6,756	36,054	38,375	30,648	14,998	2,891	150	13	11
THIRD	74,075	-	99	1,126	13,659	23,472	21,903	11,509	2,165	119	11	12
FOURTH	31,751	-	6	94	3,591	9,321	10,532	6,620	1,513	67	3	4
FIFTH OR HIGHER	20,922	-	5	15	976	4,247	6,988	6,357	2,174	152	4	4
NOT STATED	242	2	5	21	59	55	51	42	6	-	-	1
OTHER ASIAN	4,843	20	284	391	857	1,153	1,192	756	162	25	3	-
FIRST	1,872	20	229	234	349	441	375	190	33	1	-	-
SECOND	1,289	-	47	94	209	319	365	222	30	3	-	-
THIRD	633	-	6	45	126	134	168	129	24	1	-	-
FOURTH	293	-	2	15	79	73	67	46	11	-	-	-
FIFTH OR HIGHER	754	-	-	2	94	186	216	169	64	20	3	-
NOT STATED	2	-	-	1	-	-	1	-	-	-	-	-
OTHER	3,025	12	124	249	783	858	627	301	70	1	-	-
FIRST	1,117	12	106	191	369	259	122	46	12	-	-	-
SECOND	921	-	16	48	279	303	186	75	14	-	-	-
THIRD	553	-	1	9	99	185	166	83	10	-	-	-
FOURTH	245	-	1	-	26	73	80	49	16	-	-	-
FIFTH OR HIGHER	187	-	-	1	8	38	73	48	18	1	-	-
NOT STATED	2	-	-	-	2	-	-	-	-	-	-	-
NOT STATED	2,740	7	80	127	459	596	769	534	141	11	11	5
FIRST	1,265	6	74	96	248	288	313	192	43	2	2	1
SECOND	791	-	6	24	144	179	229	163	42	3	1	-
THIRD	361	-	-	1	40	74	124	94	26	1	-	1
FOURTH	154	-	-	-	14	32	50	38	14	3	3	-
FIFTH OR HIGHER	93	-	-	1	4	12	29	30	10	2	5	-
NOT STATED	76	1	-	5	9	11	24	17	6	-	-	3

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-46
LIVE BIRTHS BY BIRTHWEIGHT
AND BY RACE/ETHNICITY¹ AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

RACE/ETHNICITY OF MOTHER AND BIRTHWEIGHT OF CHILD	TOTAL	AGE OF MOTHER										
		UNDER 15	15 - 17	18 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 AND OVER	NOT STATED
TOTAL	518,073	1,038	20,209	36,368	120,270	137,637	121,779	65,532	14,272	838	66	64
UNDER 1,500 GRAMS	5,950	23	287	439	1,201	1,348	1,405	937	274	26	5	5
1,500-2499 GRAMS	25,736	66	1,296	1,986	5,628	5,981	5,806	3,786	1,044	124	13	6
2,500-3,499 GRAMS	273,366	653	12,528	21,732	66,737	71,493	60,715	32,012	7,020	409	32	35
3,500-4,499 GRAMS	204,237	293	5,990	11,882	45,105	56,373	51,366	27,343	5,589	264	15	17
4,500 GRAMS OR MORE	8,778	3	108	329	1,599	2,442	2,484	1,452	345	15	1	-
WEIGHT UNKNOWN	6	-	-	-	-	-	3	2	-	-	-	1
AMERICAN INDIAN	2,501	5	168	294	790	602	395	200	42	5	-	-
UNDER 1,500 GRAMS	25	-	1	5	7	3	5	4	-	-	-	-
1,500-2499 GRAMS	125	-	7	19	35	27	22	12	3	-	-	-
2,500-3,499 GRAMS	1,171	2	90	162	382	269	162	82	21	1	-	-
3,500-4,499 GRAMS	1,118	3	69	100	347	283	198	97	17	4	-	-
4,500 GRAMS OR MORE	62	-	1	8	19	20	8	5	1	-	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
ASIAN/PACIFIC ISLANDER	57,046	43	892	1,742	7,371	16,449	18,291	9,982	2,128	138	8	2
UNDER 1,500 GRAMS	599	1	12	31	73	150	177	117	36	2	-	-
1,500-2499 GRAMS	3,307	7	80	136	435	859	963	653	156	16	1	1
2,500-3,499 GRAMS	36,039	28	643	1,146	4,894	10,672	11,391	5,929	1,252	79	4	1
3,500-4,499 GRAMS	16,610	7	155	422	1,919	4,643	5,592	3,169	662	38	3	-
4,500 GRAMS OR MORE	491	-	2	7	50	125	168	114	22	3	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
BLACK	34,136	119	1,865	3,523	9,902	8,072	6,353	3,506	759	28	-	9
UNDER 1,500 GRAMS	1,018	4	55	78	245	227	220	154	33	2	-	-
1,500-2499 GRAMS	3,027	11	184	290	795	681	607	358	96	4	-	1
2,500-3,499 GRAMS	20,116	82	1,194	2,296	6,087	4,657	3,503	1,846	429	15	-	7
3,500-4,499 GRAMS	9,622	21	423	841	2,681	2,421	1,930	1,105	192	7	-	1
4,500 GRAMS OR MORE	353	1	9	18	94	86	93	43	9	-	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
HISPANIC	249,253	733	14,042	22,643	71,544	68,067	46,461	21,011	4,505	212	3	32
UNDER 1,500 GRAMS	2,569	15	163	244	629	586	524	317	86	3	-	2
1,500-2499 GRAMS	11,236	39	857	1,166	3,045	2,684	1,982	1,152	290	20	-	1
2,500-3,499 GRAMS	132,077	459	8,828	13,664	39,893	34,664	22,439	9,850	2,161	100	2	17
3,500-4,499 GRAMS	99,149	218	4,135	7,373	27,065	28,882	20,434	9,118	1,829	82	1	12
4,500 GRAMS OR MORE	4,219	2	59	196	912	1,251	1,081	572	139	7	-	-
WEIGHT UNKNOWN	3	-	-	-	-	-	1	2	-	-	-	-
WHITE/OTHER RACES	172,442	131	3,166	8,040	30,219	43,858	49,524	30,302	6,698	444	44	16
UNDER 1,500 GRAMS	1,677	2	54	76	238	365	465	336	117	19	2	3
1,500-2499 GRAMS	7,894	9	159	366	1,299	1,711	2,185	1,584	490	82	8	1
2,500-3,499 GRAMS	82,608	78	1,729	4,386	15,238	20,939	22,861	14,054	3,084	206	25	8
3,500-4,499 GRAMS	76,656	42	1,188	3,112	12,927	19,894	22,896	13,615	2,837	132	9	4
4,500 GRAMS OR MORE	3,607	-	36	100	517	949	1,117	713	170	5	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	2,695	7	76	126	444	589	755	531	140	11	11	5
UNDER 1,500 GRAMS	62	1	2	5	9	17	14	9	2	-	3	-
1,500-2499 GRAMS	147	-	9	9	19	19	47	27	9	2	4	2
2,500-3,499 GRAMS	1,355	4	44	78	243	292	359	251	73	8	1	2
3,500-4,499 GRAMS	1,082	2	20	34	166	250	316	239	52	1	2	-
4,500 GRAMS OR MORE	46	-	1	-	7	11	17	5	4	-	1	-
WEIGHT UNKNOWN	3	-	-	-	-	-	2	-	-	-	-	1

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes Eskimo and Aleut. Unknown includes Not Stated.

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-47
LIVE BIRTHS BY BIRTHWEIGHT AND BY RACE AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

RACE OF MOTHER AND BIRTHWEIGHT OF CHILD	TOTAL	AGE OF MOTHER										
		UNDER 15	15 - 17	18 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 AND OVER	NOT STATED
LAOTIAN	1,022	3	72	88	271	295	193	74	17	8	1	-
UNDER 1,500 GRAMS	17	1	3	3	2	6	-	2	-	-	-	-
1,500-2499 GRAMS	87	1	10	7	23	29	8	6	2	1	-	-
2,500-3,499 GRAMS	688	1	53	65	190	195	125	47	7	5	-	-
3,500-4,499 GRAMS	225	-	6	13	55	63	59	19	7	2	1	-
4,500 GRAMS OR MORE	5	-	-	-	1	2	1	-	1	-	-	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC ISLANDER	3,013	4	93	217	802	851	637	313	96	-	-	-
UNDER 1,500 GRAMS	40	-	-	3	10	11	6	4	6	-	-	-
1,500-2499 GRAMS	140	-	2	13	33	42	25	19	6	-	-	-
2,500-3,499 GRAMS	1,393	4	56	108	401	386	278	127	33	-	-	-
3,500-4,499 GRAMS	1,333	-	35	90	341	380	295	147	45	-	-	-
4,500 GRAMS OR MORE	107	-	-	3	17	32	33	16	6	-	-	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
THAI	561	-	26	46	120	131	122	85	31	-	-	-
UNDER 1,500 GRAMS	5	-	-	-	2	-	1	2	-	-	-	-
1,500-2499 GRAMS	36	-	4	4	7	4	13	4	-	-	-	-
2,500-3,499 GRAMS	347	-	21	28	83	82	71	42	20	-	-	-
3,500-4,499 GRAMS	171	-	1	13	28	45	37	36	11	-	-	-
4,500 GRAMS OR MORE	2	-	-	1	-	-	-	1	-	-	-	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
VIETNAMESE	8,053	2	68	133	1,005	2,737	2,625	1,197	272	14	-	-
UNDER 1,500 GRAMS	71	-	1	-	6	18	29	15	2	-	-	-
1,500-2499 GRAMS	423	-	4	9	54	135	125	78	18	-	-	-
2,500-3,499 GRAMS	5,482	2	52	96	745	1,886	1,739	764	189	9	-	-
3,500-4,499 GRAMS	2,041	-	11	27	200	686	718	331	63	5	-	-
4,500 GRAMS OR MORE	36	-	-	1	-	12	14	9	-	-	-	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
WHITE	416,039	841	16,874	30,111	100,227	110,436	94,921	50,804	11,075	655	47	48
UNDER 1,500 GRAMS	4,161	16	211	310	853	930	965	648	199	22	2	5
1,500-2499 GRAMS	18,809	48	996	1,494	4,263	4,321	4,105	2,705	766	101	8	2
2,500-3,499 GRAMS	211,741	519	10,350	17,709	54,294	54,884	44,785	23,653	5,189	306	27	25
3,500-4,499 GRAMS	173,606	256	5,224	10,306	39,409	48,140	42,888	22,524	4,619	214	10	16
4,500 GRAMS OR MORE	7,719	2	93	292	1,408	2,161	2,177	1,272	302	12	-	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	3	-	-	-	-	-	1	2	-	-	-	-
OTHER ASIAN	4,843	20	284	391	857	1,153	1,192	756	162	25	3	-
UNDER 1,500 GRAMS	57	-	3	5	10	9	19	9	2	-	-	-
1,500-2499 GRAMS	306	2	24	26	51	75	66	52	8	2	-	-
2,500-3,499 GRAMS	2,954	13	211	269	549	707	687	421	85	10	2	-
3,500-4,499 GRAMS	1,478	5	46	91	240	353	404	263	64	11	1	-
4,500 GRAMS OR MORE	48	-	-	-	7	9	16	11	3	2	-	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
OTHER	3,025	12	124	249	783	858	627	301	70	1	-	-
UNDER 1,500 GRAMS	50	1	3	3	9	13	14	3	4	-	-	-
1,500-2499 GRAMS	163	-	9	17	42	42	29	16	7	1	-	-
2,500-3,499 GRAMS	1,536	9	74	152	429	400	292	150	30	-	-	-
3,500-4,499 GRAMS	1,201	2	36	75	288	376	274	125	25	-	-	-
4,500 GRAMS OR MORE	75	-	2	2	15	27	18	7	4	-	-	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	2,740	7	80	127	459	596	769	534	141	11	11	5
UNDER 1,500 GRAMS	63	1	2	5	9	17	15	9	2	-	3	-
1,500-2499 GRAMS	148	-	9	9	20	19	47	27	9	2	4	2
2,500-3,499 GRAMS	1,375	4	46	79	250	293	366	253	73	8	1	2
3,500-4,499 GRAMS	1,105	2	22	34	173	256	322	240	53	1	2	-
4,500 GRAMS OR MORE	46	-	1	-	7	11	17	5	4	-	1	-
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	3	-	-	-	-	-	2	-	-	-	-	1

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-48
LIVE BIRTHS BY BIRTHWEIGHT, WEEKS OF GESTATION AND RACE/ETHNICITY¹ OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

BIRTHWEIGHT AND WEEKS OF GESTATION	TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN
TOTAL LIVE BIRTHS	518,073	2,501	57,046	34,136	249,253	172,442	2,695
UNDER 1,500 GRAMS	5,950	25	599	1,018	2,569	1,677	62
17- UNDER 37 COMPLETED WEEKS	5,016	21	513	845	2,140	1,449	48
37- UNDER 42 COMPLETED WEEKS	251	-	31	44	129	47	-
42- UNDER 53 COMPLETED WEEKS	40	-	-	10	23	7	-
NOT STATED	643	4	55	119	277	174	14
1,500-2,499 GRAMS	25,736	125	3,307	3,027	11,236	7,894	147
17- UNDER 37 COMPLETED WEEKS	13,786	59	1,654	1,494	5,936	4,575	68
37- UNDER 42 COMPLETED WEEKS	9,486	45	1,418	1,159	4,179	2,635	50
42- UNDER 53 COMPLETED WEEKS	674	9	77	92	351	144	1
NOT STATED	1,790	12	158	282	770	540	28
2,500-3,499 GRAMS	273,366	1,171	36,039	20,116	132,077	82,608	1,355
17- UNDER 37 COMPLETED WEEKS	25,387	148	2,764	2,137	12,757	7,471	110
37- UNDER 42 COMPLETED WEEKS	215,179	809	29,704	15,140	102,938	65,602	986
42- UNDER 53 COMPLETED WEEKS	19,078	134	2,061	1,481	9,700	5,615	87
NOT STATED	13,722	80	1,510	1,358	6,682	3,920	172
3,500-4,499 GRAMS	204,237	1,118	16,610	9,622	99,149	76,656	1,082
17- UNDER 37 COMPLETED WEEKS	7,344	43	552	465	4,455	1,800	29
37- UNDER 42 COMPLETED WEEKS	167,505	846	13,927	7,654	79,971	64,280	827
42- UNDER 53 COMPLETED WEEKS	19,486	144	1,392	911	9,801	7,152	86
NOT STATED	9,902	85	739	592	4,922	3,424	140
4,500 GRAMS OR MORE	8,778	62	491	353	4,219	3,607	46
17- UNDER 37 COMPLETED WEEKS	272	1	17	14	184	55	1
37- UNDER 42 COMPLETED WEEKS	6,982	46	401	266	3,311	2,924	34
42- UNDER 53 COMPLETED WEEKS	1,071	12	48	46	497	461	7
NOT STATED	453	3	25	27	227	167	4
NOT WEIGHED	-	-	-	-	-	-	-
17- UNDER 37 COMPLETED WEEKS	-	-	-	-	-	-	-
37- UNDER 42 COMPLETED WEEKS	-	-	-	-	-	-	-
42- UNDER 53 COMPLETED WEEKS	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-
NOT STATED	6	-	-	-	3	-	3
17- UNDER 37 COMPLETED WEEKS	2	-	-	-	2	-	-
37- UNDER 42 COMPLETED WEEKS	1	-	-	-	1	-	-
42- UNDER 53 COMPLETED WEEKS	-	-	-	-	-	-	-
NOT STATED	3	-	-	-	-	-	3

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

- Represents zero events.

Note: 'Not Stated' as to weeks of gestation categories, includes not only those not stated, but also 271 live births of less than 17 weeks gestation and 1,288 live births of 53 weeks or more gestation. These categories reflect reporting inaccuracies rather than actual gestation periods.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-49. LIVE BIRTHS BY BIRTHWEIGHT, WEEKS OF GESTATION, AND RACE OF MOTHER, CALIFORNIA, 1999 (By Place of Residence) (Continued)

BIRTHWEIGHT AND WEEKS OF GESTATION	KOREAN	LAOTIAN	PACIFIC ISLANDER	THAI	VIETNAMESE	WHITE	OTHER ASIAN	OTHER	NOT STATED
TOTAL LIVE BIRTHS	3,926	1,022	3,013	561	8,053	416,039	4,843	3,025	2,740
UNDER 1500 GRAMS	23	17	40	5	71	4,161	57	50	63
17- UNDER 37 COMPLETED WEEKS	19	13	31	4	56	3,517	47	43	49
37- UNDER 42 COMPLETED WEEKS	1	1	2	1	4	172	4	2	-
42- UNDER 53 COMPLETED WEEKS	-	-	-	-	-	30	-	-	-
NOT STATED	3	3	7	-	11	442	6	5	14
1500-2499 GRAMS	169	87	140	36	423	18,809	306	163	148
17- UNDER 37 COMPLETED WEEKS	83	36	73	22	205	10,341	145	86	69
37- UNDER 42 COMPLETED WEEKS	72	42	52	13	182	6,695	134	66	50
42- UNDER 53 COMPLETED WEEKS	4	3	2	-	11	485	6	3	1
NOT STATED	10	6	13	1	25	1,288	21	8	28
2500-3499 GRAMS	2,364	688	1,393	347	5,482	211,741	2,954	1,536	1,375
17- UNDER 37 COMPLETED WEEKS	142	81	160	37	400	19,953	235	139	112
37- UNDER 42 COMPLETED WEEKS	1,994	492	1,035	260	4,533	166,194	2,292	1,247	1,001
42- UNDER 53 COMPLETED WEEKS	142	54	112	24	332	15,118	182	98	89
NOT STATED	86	61	86	26	217	10,476	245	52	173
3500-4499 GRAMS	1,330	225	1,333	171	2,041	173,606	1,478	1,201	1,105
17- UNDER 37 COMPLETED WEEKS	25	20	82	13	62	6,161	67	45	30
37- UNDER 42 COMPLETED WEEKS	1,157	156	1,028	140	1,719	142,485	1,163	991	847
42- UNDER 53 COMPLETED WEEKS	104	22	129	10	170	16,720	119	126	86
NOT STATED	44	27	94	8	90	8,240	129	39	142
4500 GRAMS OR MORE	40	5	107	2	36	7,719	48	75	46
17- UNDER 37 COMPLETED WEEKS	2	1	9	-	-	234	-	4	1
37- UNDER 42 COMPLETED WEEKS	32	4	77	2	28	6,154	45	56	34
42- UNDER 53 COMPLETED WEEKS	4	-	12	-	6	943	1	13	7
NOT STATED	2	-	9	-	2	388	2	2	4
NOT WEIGHED	-	-	-	-	-	-	-	-	-
17- UNDER 37 COMPLETED WEEKS	-	-	-	-	-	-	-	-	-
37- UNDER 42 COMPLETED WEEKS	-	-	-	-	-	-	-	-	-
42- UNDER 53 COMPLETED WEEKS	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	3	-	-	3
17- UNDER 37 COMPLETED WEEKS	-	-	-	-	-	2	-	-	-
37- UNDER 42 COMPLETED WEEKS	-	-	-	-	-	1	-	-	-
42- UNDER 53 COMPLETED WEEKS	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	3

Note: 'Not Stated' as to weeks of gestation categories, includes not only those not stated, but also 271 live births of less than 17 weeks gestation and 1,288 live births of 53 weeks or more gestation. These categories reflect reporting inaccuracies rather than actual gestation periods.

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-50
LIVE BIRTHS BY TRIMESTER AND MONTH PRENATAL CARE BEGAN
AND AGE OF MOTHER
CALIFORNIA 1999
(By Place of Residence)

TRIMESTER/MONTH PRENATAL CARE BEGAN	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35 AND OVER	UNKNOWN
TOTAL LIVE BIRTHS	518,073	1,038	20,209	36,368	120,270	137,637	121,779	80,708	64
FIRST TRIMESTER	426,020	549	13,344	26,142	93,715	115,808	106,344	70,080	38
FIRST MONTH	131,243	131	3,272	6,950	27,002	36,105	34,559	23,214	10
SECOND MONTH	199,496	206	5,858	11,854	43,411	54,686	50,712	32,748	21
THIRD MONTH	95,281	212	4,214	7,338	23,302	25,017	21,073	14,118	7
SECOND TRIMESTER	67,253	334	5,009	7,601	19,464	15,981	11,202	7,648	14
FOURTH MONTH	36,900	136	2,400	3,918	10,333	9,081	6,586	4,437	9
FIFTH MONTH	19,101	128	1,670	2,289	5,732	4,319	2,931	2,029	3
SIXTH MONTH	11,252	70	939	1,394	3,399	2,581	1,685	1,182	2
THIRD TRIMESTER	12,958	95	1,119	1,513	3,802	3,007	2,052	1,367	3
SEVENTH MONTH	6,805	58	632	868	1,978	1,563	1,002	703	1
EIGHTH MONTH	4,149	27	342	439	1,291	953	662	434	1
NINTH MONTH	2,004	10	145	206	533	491	388	230	1
NO PRENATAL CARE	3,361	32	288	352	970	720	558	440	1
UNKNOWN	8,481	28	449	760	2,319	2,121	1,623	1,173	8

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-51
LIVE BIRTHS BY TRIMESTER PRENATAL CARE
AND BY RACE/ETHNICITY¹ AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

RACE/ETHNICITY AND TRIMESTER PRENATAL CARE BEGAN	TOTAL	AGE OF MOTHER										
		UNDER 15	15 - 17	18 - 19	20 - 24	25-29	30 - 34	35 - 39	40 - 44	45 - 49	50 AND OVER	NOT STATED
TOTAL	518,073	1,038	20,209	36,368	120,270	137,637	121,779	65,532	14,272	838	66	64
First Trimester	426,020	549	13,344	26,142	93,715	115,808	106,344	57,130	12,177	717	56	38
Second Trimester	67,253	334	5,009	7,601	19,464	15,981	11,202	6,033	1,523	85	7	14
Third Trimester	12,958	95	1,119	1,513	3,802	3,007	2,052	1,083	267	17	-	3
No Prenatal Care	3,361	32	288	352	970	720	558	338	95	6	1	1
Not Stated	8,481	28	449	760	2,319	2,121	1,623	948	210	13	2	8
AMERICAN INDIAN	2,501	5	168	294	790	602	395	200	42	5	-	-
First Trimester	1,782	1	108	182	562	447	303	146	28	5	-	-
Second Trimester	507	3	40	81	154	113	64	41	11	-	-	-
Third Trimester	124	1	10	22	41	26	14	8	2	-	-	-
No Prenatal Care	45	-	7	5	18	10	1	3	1	-	-	-
Not Stated	43	-	3	4	15	6	13	2	-	-	-	-
ASIAN/PACIFIC ISLANDER	57,046	43	892	1,742	7,371	16,449	18,291	9,982	2,128	138	8	2
First Trimester	48,189	16	470	1,043	5,452	14,152	16,189	8,904	1,848	111	4	-
Second Trimester	6,582	19	321	536	1,427	1,712	1,563	781	197	22	2	2
Third Trimester	1,222	4	74	109	269	295	279	147	42	3	-	-
No Prenatal Care	241	-	13	18	68	62	51	22	6	-	1	-
Not Stated	812	4	14	36	155	228	209	128	35	2	1	-
BLACK	34,136	119	1,865	3,523	9,902	8,072	6,353	3,506	759	28	-	9
First Trimester	27,030	62	1,215	2,589	7,775	6,626	5,286	2,863	588	22	-	4
Second Trimester	5,013	44	460	681	1,561	1,014	715	422	107	5	-	4
Third Trimester	881	7	110	124	240	173	135	68	22	1	-	1
No Prenatal Care	420	6	35	37	109	78	84	57	14	-	-	-
Not Stated	792	-	45	92	217	181	133	96	28	-	-	-
HISPANIC	249,253	733	14,042	22,643	71,544	68,067	46,461	21,011	4,505	212	3	32
First Trimester	195,020	404	9,394	16,253	54,895	55,116	38,292	16,974	3,511	157	2	22
Second Trimester	39,850	221	3,394	4,731	12,159	9,572	6,047	2,939	748	33	1	5
Third Trimester	8,120	67	761	984	2,542	1,903	1,139	577	134	11	-	2
No Prenatal Care	1,781	20	187	229	576	362	234	129	41	3	-	-
Not Stated	4,482	21	306	446	1,372	1,114	749	392	71	8	-	3
WHITE/OTHER RACES	172,442	131	3,166	8,040	30,219	43,858	49,524	30,302	6,698	444	44	16
First Trimester	151,835	64	2,107	5,989	24,689	38,978	45,635	27,820	6,090	414	39	10
Second Trimester	15,073	44	781	1,551	4,106	3,524	2,776	1,810	452	22	4	3
Third Trimester	2,585	15	161	270	704	606	481	280	66	2	-	-
No Prenatal Care	840	5	41	61	193	202	181	122	31	3	-	1
Not Stated	2,109	3	76	169	527	548	451	270	59	3	1	2
UNKNOWN	2,695	7	76	126	444	589	755	531	140	11	11	5
First Trimester	2,164	2	50	86	342	489	639	423	112	8	11	2
Second Trimester	228	3	13	21	57	46	37	40	8	3	-	-
Third Trimester	26	1	3	4	6	4	4	3	1	-	-	-
No Prenatal Care	34	1	5	2	6	6	7	5	2	-	-	-
Not Stated	243	-	5	13	33	44	68	60	17	-	-	3

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.
- Represents zero events.

TABLE 2-52
LIVE BIRTHS BY TRIMESTER PRENATAL CARE BEGAN
AND RACE AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

RACE OF MOTHER AND TRIMESTER	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50 AND OVER	NOT STATED
TOTAL	82,812	156	2,753	5,311	16,819	21,726	21,523	11,855	2,521	132	5	11
AMERICAN INDIAN	3,174	8	235	384	982	750	497	252	61	5	-	-
FIRST TRIMESTER	2,283	1	147	246	703	565	386	186	44	5	-	-
SECOND TRIMESTER	627	5	55	97	194	135	79	49	13	-	-	-
THIRD TRIMESTER	160	2	21	28	48	32	17	10	2	-	-	-
NO PRENATAL CARE	49	-	7	7	18	11	2	3	1	-	-	-
NOT STATED	55	-	5	6	19	7	13	4	1	-	-	-
BLACK	35,138	124	1,953	3,656	10,231	8,297	6,493	3,572	775	28	-	9
FIRST TRIMESTER	27,813	64	1,277	2,690	8,033	6,801	5,401	2,921	600	22	-	4
SECOND TRIMESTER	5,171	47	480	706	1,611	1,050	729	428	111	5	-	4
THIRD TRIMESTER	915	7	113	130	253	178	140	70	22	1	-	1
NO PRENATAL CARE	424	6	36	37	111	79	84	57	14	-	-	-
NOT STATED	815	-	47	93	223	189	139	96	28	-	-	-
CAMBODIAN	1,566	7	93	166	310	474	333	141	39	2	1	-
FIRST TRIMESTER	1,172	4	47	107	231	379	256	115	30	2	1	-
SECOND TRIMESTER	288	1	36	47	58	72	56	14	4	-	-	-
THIRD TRIMESTER	49	1	5	9	13	7	9	5	-	-	-	-
NO PRENATAL CARE	6	-	2	1	1	-	2	-	-	-	-	-
NOT STATED	51	1	3	2	7	16	10	7	5	-	-	-
CHINESE	11,357	-	21	49	435	2,614	4,656	3,020	529	30	2	1
FIRST TRIMESTER	10,420	-	9	31	372	2,374	4,309	2,812	487	25	1	-
SECOND TRIMESTER	709	-	8	13	46	186	262	158	30	5	-	1
THIRD TRIMESTER	134	-	2	3	7	32	55	29	6	-	-	-
NO PRENATAL CARE	13	-	1	-	3	2	4	3	-	-	-	-
NOT STATED	81	-	1	2	7	20	26	18	6	-	1	-
ESKIMO/ALEUT	15	-	-	-	5	5	4	1	-	-	-	-
FIRST TRIMESTER	12	-	-	-	4	4	3	1	-	-	-	-
SECOND TRIMESTER	3	-	-	-	1	1	1	-	-	-	-	-
THIRD TRIMESTER	0	-	-	-	-	-	-	-	-	-	-	-
NO PRENATAL CARE	0	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	14,951	8	259	628	2,619	4,026	4,236	2,495	647	32	-	1
FIRST TRIMESTER	12,302	4	131	393	1,901	3,412	3,688	2,176	568	29	-	-
SECOND TRIMESTER	1,959	2	92	174	543	459	400	231	55	2	-	1
THIRD TRIMESTER	343	1	30	40	88	64	73	34	13	-	-	-
NO PRENATAL CARE	82	-	3	5	26	25	13	7	3	-	-	-
NOT STATED	265	1	3	16	61	66	62	47	8	1	-	-
EAST INDIAN	5,687	-	5	49	796	2,350	1,871	544	64	7	1	-
FIRST TRIMESTER	4,988	-	4	33	647	2,084	1,666	490	56	7	1	-
SECOND TRIMESTER	531	-	0	10	109	203	165	38	6	-	-	-
THIRD TRIMESTER	86	-	1	2	22	36	20	5	-	-	-	-
NO PRENATAL CARE	11	-	-	1	4	5	1	-	-	-	-	-
NOT STATED	71	-	-	3	14	22	19	11	2	-	-	-
JAPANESE	2,963	1	12	37	161	588	1,157	807	186	14	-	-
FIRST TRIMESTER	2,689	-	6	22	125	520	1,067	760	177	12	-	-
SECOND TRIMESTER	200	1	6	12	26	49	69	30	5	2	-	-
THIRD TRIMESTER	34	-	-	1	7	8	10	7	1	-	-	-
NO PRENATAL CARE	9	-	-	1	1	1	4	2	-	-	-	-
NOT STATED	31	-	-	1	2	10	7	8	3	-	-	-
KOREAN	3,926	1	10	37	207	1,476	1,446	636	107	6	-	-
FIRST TRIMESTER	3,493	-	3	23	167	1,325	1,306	572	92	5	-	-
SECOND TRIMESTER	299	-	2	8	28	102	101	45	12	1	-	-
THIRD TRIMESTER	90	-	3	3	6	36	28	12	2	-	-	-
NO PRENATAL CARE	11	-	1	1	3	3	1	2	-	-	-	-
NOT STATED	33	1	1	2	3	10	10	5	1	-	-	-
LAOTIAN	1,022	3	72	88	271	295	193	74	17	8	1	-
FIRST TRIMESTER	715	1	49	57	187	218	143	47	9	4	-	-
SECOND TRIMESTER	234	2	20	23	64	59	34	21	7	3	1	-
THIRD TRIMESTER	33	-	3	7	10	4	6	2	-	1	-	-
NO PRENATAL CARE	6	-	-	-	2	2	2	-	-	-	-	-
NOT STATED	34	-	-	1	8	12	8	4	1	-	-	-
PACIFIC ISLANDER	3,013	4	93	217	802	851	637	313	96	-	-	-
FIRST TRIMESTER	2,028	2	52	131	507	598	452	222	64	-	-	-
SECOND TRIMESTER	665	1	28	63	198	177	120	59	19	-	-	-
THIRD TRIMESTER	203	1	9	16	58	46	42	23	8	-	-	-
NO PRENATAL CARE	57	-	2	6	20	10	14	4	1	-	-	-
NOT STATED	60	-	2	1	19	20	9	5	4	-	-	-

TABLE 2-52 (Continued)
LIVE BIRTHS BY TRIMESTER PRENATAL CARE BEGAN
AND RACE AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

RACE OF MOTHER AND TRIMESTER	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50 AND OVER	NOT STATED
THAI	561	-	26	46	120	131	122	85	31	-	-	-
FIRST TRIMESTER	460	-	16	31	83	114	109	79	28	-	-	-
SECOND TRIMESTER	68	-	6	11	23	13	7	5	3	-	-	-
THIRD TRIMESTER	14	-	3	2	6	1	1	1	-	-	-	-
NO PRENATAL CARE	8	-	1	1	3	1	2	-	-	-	-	-
NOT STATED	11	-	-	1	5	2	3	-	-	-	-	-
VIETNAMESE	8,053	2	68	133	1,005	2,737	2,625	1,197	272	14	-	-
FIRST TRIMESTER	6,981	-	34	82	785	2,408	2,361	1,068	231	12	-	-
SECOND TRIMESTER	804	2	27	38	167	249	199	93	28	1	-	-
THIRD TRIMESTER	113	-	3	11	26	33	19	14	7	-	-	-
NO PRENATAL CARE	29	-	2	2	7	10	4	3	1	-	-	-
NOT STATED	126	-	2	-	20	37	42	19	5	1	-	-
WHITE	416,039	841	16,874	30,111	100,227	110,436	94,921	50,804	11,075	655	47	48
FIRST TRIMESTER	342,312	459	11,287	21,816	78,382	92,857	83,011	44,362	9,495	570	41	32
SECOND TRIMESTER	54,121	254	4,092	6,175	16,025	12,908	8,723	4,693	1,183	55	5	8
THIRD TRIMESTER	10,541	80	899	1,233	3,195	2,478	1,595	847	199	13	-	2
NO PRENATAL CARE	2,588	25	224	282	761	558	409	251	71	6	-	1
NOT STATED	6,477	23	372	605	1,864	1,635	1,183	651	127	11	1	5
OTHER ASIAN	4,843	20	284	391	857	1,153	1,192	756	162	25	3	-
FIRST TRIMESTER	3,657	6	149	208	606	925	985	637	125	15	1	-
SECOND TRIMESTER	960	12	112	155	205	175	167	95	30	8	1	-
THIRD TRIMESTER	144	1	19	17	32	32	18	17	6	2	-	-
NO PRENATAL CARE	17	-	1	2	2	4	5	1	1	-	1	-
NOT STATED	65	1	3	9	12	17	17	6	-	-	-	-
OTHER	3,025	12	124	249	783	858	627	301	70	1	-	-
FIRST TRIMESTER	2,497	6	82	185	626	730	552	257	58	1	-	-
SECOND TRIMESTER	376	4	29	48	109	95	49	33	9	-	-	-
THIRD TRIMESTER	73	1	5	7	25	16	15	4	-	-	-	-
NO PRENATAL CARE	17	-	3	4	2	3	4	-	1	-	-	-
NOT STATED	62	1	5	5	21	14	7	7	2	-	-	-
NOT STATED	2,740	7	80	127	459	596	769	534	141	11	11	5
FIRST TRIMESTER	2,198	2	51	87	356	494	649	425	113	8	11	2
SECOND TRIMESTER	238	3	16	21	57	48	41	41	8	3	-	-
THIRD TRIMESTER	26	1	3	4	6	4	4	3	1	-	-	-
NO PRENATAL CARE	34	1	5	2	6	6	7	5	2	-	-	-
NOT STATED	244	-	5	13	34	44	68	60	17	-	-	3

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records

TABLE 2-53
LIVE BIRTHS BY BIRTHWEIGHT, TRIMESTER PRENATAL CARE BEGAN
AND RACE/ETHNICITY¹ OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

BIRTHWEIGHT AND TRIMESTER PRENATAL CARE BEGAN	TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN
TOTAL LIVE BIRTHS	518,073	2,501	57,046	34,136	249,253	172,442	2,695
UNDER 1,500 GRAMS	5,950	25	599	1,018	2,569	1,677	62
FIRST TRIMESTER	4,823	19	493	798	2,029	1,440	44
SECOND TRIMESTER	680	4	68	125	333	147	3
THIRD TRIMESTER	64	-	5	11	32	16	-
NO PRENATAL CARE	192	-	17	51	79	41	4
NOT STATED	191	2	16	33	96	33	11
1,500-2,499 GRAMS	25,736	125	3,307	3,027	11,236	7,894	147
FIRST TRIMESTER	20,652	86	2,732	2,285	8,666	6,776	107
SECOND TRIMESTER	3,530	24	419	476	1,844	758	9
THIRD TRIMESTER	603	7	67	66	336	125	2
NO PRENATAL CARE	404	6	37	93	160	103	5
NOT STATED	547	2	52	107	230	132	24
2,500-3,499 GRAMS	273,366	1,171	36,039	20,116	132,077	82,608	1,355
FIRST TRIMESTER	222,588	816	30,489	15,790	102,277	72,125	1,091
SECOND TRIMESTER	36,857	243	4,133	3,087	21,651	7,628	115
THIRD TRIMESTER	7,451	65	779	577	4,660	1,352	18
NO PRENATAL CARE	1,915	28	132	217	1,063	453	22
NOT STATED	4,555	19	506	445	2,426	1,050	109
3,500-4,499 GRAMS	204,237	1,118	16,610	9,622	99,149	76,656	1,082
FIRST TRIMESTER	170,611	818	14,087	7,865	78,663	68,294	884
SECOND TRIMESTER	25,120	223	1,893	1,283	15,380	6,245	96
THIRD TRIMESTER	4,647	48	349	218	2,986	1,040	6
NO PRENATAL CARE	818	9	51	57	463	235	3
NOT STATED	3,041	20	230	199	1,657	842	93
4,500 GRAMS OR MORE	8,778	62	491	353	4,219	3,607	46
FIRST TRIMESTER	7,345	43	388	292	3,384	3,200	38
SECOND TRIMESTER	1,066	13	69	42	642	295	5
THIRD TRIMESTER	193	4	22	9	106	52	-
NO PRENATAL CARE	30	2	4	2	14	8	-
NOT STATED	144	-	8	8	73	52	3
NOT WEIGHED	-	-	-	-	-	-	-
NOT STATED	6	-	-	-	3	-	3
FIRST TRIMESTER	1	-	-	-	1	-	-
NO PRENATAL CARE	2	-	-	-	2	-	-
NOT STATED	3	-	-	-	-	-	3

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-54 (Continued)
LIVE BIRTHS BY BIRTHWEIGHT, TRIMESTER PRENATAL CARE BEGAN (CONTINUED)
AND RACE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

BIRTHWEIGHT AND TRIMESTER PRENATAL CARE BEGAN	TOTAL	RACE OF MOTHER								
		KOREAN	LAOTIAN	PACIFIC ISLANDER	THAI	VIETNAMESE	WHITE	OTHER ASIAN	OTHER	NOT STATED
TOTAL LIVE BIRTHS	518,073	3,926	1,022	3,013	561	8,053	416,039	4,843	3,025	2,740
UNDER 1,500 GRAMS	5,950	23	17	40	5	71	4,161	57	50	63
FIRST TRIMESTER	4,823	19	13	24	5	57	3,405	47	39	45
SECOND TRIMESTER	680	3	2	10	-	11	471	7	4	3
THIRD TRIMESTER	64	-	1	-	-	-	47	-	-	-
NO PRENATAL CARE	192	-	1	5	-	-	113	1	5	4
NOT STATED	191	1	-	1	-	3	125	2	2	11
1,500-2,499 GRAMS	25,736	169	87	140	36	423	18,809	306	163	148
FIRST TRIMESTER	20,652	152	63	90	25	357	15,188	236	134	108
SECOND TRIMESTER	3,530	9	18	38	8	46	2,556	52	20	9
THIRD TRIMESTER	603	6	3	3	2	4	449	10	5	2
NO PRENATAL CARE	404	1	1	3	1	6	261	3	1	5
NOT STATED	547	1	2	6	-	10	355	5	3	24
2,500-3,499 GRAMS	273,366	2,364	688	1,393	347	5,482	211,741	2,954	1,536	1,375
FIRST TRIMESTER	222,588	2,087	475	965	283	4,742	172,066	2,203	1,225	1,106
SECOND TRIMESTER	36,857	193	165	280	43	552	28,837	610	221	119
THIRD TRIMESTER	7,451	54	25	100	9	87	5,919	97	46	18
NO PRENATAL CARE	1,915	8	3	25	4	19	1,502	7	8	22
NOT STATED	4,555	22	20	23	8	82	3,417	37	36	110
3,500-4,499 GRAMS	204,237	1,330	225	1,333	171	2,041	173,606	1,478	1,201	1,105
FIRST TRIMESTER	170,611	1,197	160	885	145	1,794	145,156	1,133	1,038	901
SECOND TRIMESTER	25,120	93	48	314	17	192	21,333	281	121	102
THIRD TRIMESTER	4,647	30	4	85	3	21	3,971	37	21	6
NO PRENATAL CARE	818	2	1	20	3	4	688	6	3	3
NOT STATED	3,041	8	12	29	3	30	2,458	21	18	93
4,500 GRAMS OR MORE	8,778	40	5	107	2	36	7,719	48	75	46
FIRST TRIMESTER	7,345	38	4	64	2	31	6,496	38	61	38
SECOND TRIMESTER	1,066	1	1	23	-	3	924	10	10	5
THIRD TRIMESTER	193	-	-	15	-	1	155	-	1	-
NO PRENATAL CARE	30	-	-	4	-	-	22	-	-	-
NOT STATED	144	1	-	1	-	1	122	-	3	3
NOT WEIGHED	-	-	-	-	-	-	-	-	-	-
FIRST TRIMESTER	-	-	-	-	-	-	-	-	-	-
SECOND TRIMESTER	-	-	-	-	-	-	-	-	-	-
THIRD TRIMESTER	-	-	-	-	-	-	-	-	-	-
NO PRENATAL CARE	-	-	-	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-	-	-	-
NOT STATED	6	-	-	-	-	-	3	-	-	3
FIRST TRIMESTER	1	-	-	-	-	-	1	-	-	-
SECOND TRIMESTER	-	-	-	-	-	-	-	-	-	-
THIRD TRIMESTER	-	-	-	-	-	-	-	-	-	-
NO PRENATAL CARE	2	-	-	-	-	-	2	-	-	-
NOT STATED	3	-	-	-	-	-	-	-	-	3

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-55
LIVE BIRTHS BY NUMBER OF PRENATAL VISITS AND PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE
CALIFORNIA, 1999
(By Place of Residence)

PRINCIPAL SOURCE OF PAYMENT	TOTAL	NUMBER OF PRENATAL VISITS									NOT STATED
		NONE	1-4	5-8	9-12	13-16	17-20	21-29	30-49	50-98	
TOTAL LIVE BIRTHS	518,073	3,294	11,883	57,097	233,360	159,932	28,749	4,938	2,453	117	16,250
NONE	3,308	3,293	-	1	6	-	-	-	-	-	8
MEDICARE	390	-	13	45	161	111	37	6	3	-	14
MEDI-CAL	204,919	1	7,534	28,299	91,388	55,456	10,291	1,615	903	23	9,409
WORKERS' COMPENSATION	301	-	11	40	120	90	20	4	3	-	13
TITLE V (MCH FUNDS)	63	-	1	8	35	17	-	1	-	-	1
OTHER GOVT PROGRAMS	9,381	-	99	797	3,678	3,566	505	128	91	7	510
BLUE CROSS/BLUE SHIELD	39,904	-	282	2,488	18,605	14,471	2,905	404	179	7	563
PRIVATE INSURANCE	64,616	-	484	4,030	28,985	24,587	4,445	740	360	14	971
HMO/PHP	179,873	-	2,177	18,867	83,959	58,211	9,957	1,965	869	66	3,802
SELF PAY	13,331	-	1,044	2,236	5,835	3,117	527	70	31	-	471
NO CHARGE	78	-	29	11	25	8	3	-	1	-	1
OTHER NONGOVERNMENT	110	-	8	19	56	25	2	-	-	-	-
MEDICALLY INDIGENT	901	-	114	130	265	144	40	4	11	-	193
UNKNOWN	898	-	87	126	242	129	17	1	2	-	294

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-56
LIVE BIRTHS BY PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE,
TRIMESTER PRENATAL CARE BEGAN AND BIRTHWEIGHT
CALIFORNIA, 1999
(By Place of Residence)

PRINCIPAL SOURCE OF PAYMENT AND BIRTHWEIGHT	TOTAL	TRIMESTER PRENATAL CARE BEGAN			NO PRENATAL CARE	NOT STATED
		FIRST	SECOND	THIRD		
CALIFORNIA	499,447	415,311	64,346	11,909	57	7,824
MEDICARE	390	323	50	8	-	9
Under 1500 Grams	12	8	3	-	-	1
1500-2499 Grams	27	23	3	1	-	-
2500-3499 Grams	199	169	20	5	-	5
3500-4499 Grams	142	114	23	2	-	3
4500 Grams or Over	10	9	1	-	-	-
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-
MEDI-CAL	204,919	152,555	39,733	8,564	1	4,066
Under 1500 Grams	2,326	1,790	400	41	-	95
1500-2499 Grams	10,659	7,848	2,146	391	-	274
2500-3499 Grams	112,631	83,219	22,155	5,027	-	2,230
3500-4499 Grams	76,072	57,226	14,452	2,983	1	1,410
4500 Grams or Over	3,231	2,472	580	122	-	57
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-
WORKERS' COMPENSATION	301	257	30	8	-	6
Under 1500 Grams	6	5	1	-	-	-
1500-2499 Grams	16	11	2	2	-	1
2500-3499 Grams	144	122	17	4	-	1
3500-4499 Grams	123	109	9	2	-	3
4500 Grams or Over	12	10	1	-	-	1
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-
TITLE V (MCH FUNDS)	63	47	15	1	-	-
Under 1500 Grams	2	2	-	-	-	-
1500-2499 Grams	4	2	2	-	-	-
2500-3499 Grams	35	26	8	1	-	-
3500-4499 Grams	22	17	5	-	-	-
4500 Grams or Over	-	-	-	-	-	-
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-
OTHER GOVERNMENT PROGRAMS	9,381	7,756	913	116	-	596
Under 1500 Grams	110	106	2	-	-	2
1500-2499 Grams	502	421	51	6	-	24
2500-3499 Grams	4,762	3,860	518	69	-	315
3500-4499 Grams	3,820	3,206	330	40	-	244
4500 Grams or Over	187	163	12	1	-	11
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-
BLUE CROSS/BLUE SHIELD	39,904	36,221	2,981	342	-	360
Under 1500 Grams	391	356	25	-	-	10
1500-2499 Grams	1,796	1,608	142	17	-	29
2500-3499 Grams	20,541	18,625	1,562	182	-	172
3500-4499 Grams	16,475	14,998	1,197	139	-	141
4500 Grams or Over	701	634	55	4	-	8
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-
PRIVATE INSURANCE	64,616	58,549	4,725	672	3	667
Under 1500 Grams	710	644	42	5	1	18
1500-2499 Grams	3,199	2,882	232	33	-	52
2500-3499 Grams	33,256	29,999	2,519	375	-	363
3500-4499 Grams	26,374	24,043	1,861	243	2	225
4500 Grams or Over	1,077	981	71	16	-	9
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-
HMO/PHP	179,873	159,603	15,899	2,198	53	2,120
Under 1500 Grams	1,991	1,762	173	14	2	40
1500-2499 Grams	8,392	7,381	805	97	-	109
2500-3499 Grams	91,652	80,897	8,418	1,189	34	1,114
3500-4499 Grams	74,578	66,677	6,211	862	17	811
4500 Grams or Over	3,260	2,886	292	36	-	46
Not Weighed	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-

TABLE 2-57
LIVE BIRTHS BY METHOD OF DELIVERY AND AGE OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

AGE OF MOTHER	TOTAL BIRTHS	CESAREAN DELIVERIES				VAGINAL DELIVERIES				METHOD OF DELIVERY NOT STATED
		TOTAL CESAREAN DELIVERIES	PERCENT OF TOTAL LIVE BIRTHS	REPEAT CESAREAN DELIVERIES	PERCENT OF TOTAL CESAREAN	TOTAL VAGINAL DELIVERIES	PERCENT OF TOTAL LIVE BIRTHS	POST CESAREAN DELIVERIES	PERCENT OF VAGINAL DELIVERIES	
TOTAL	518,073	117,568	22.7	45,988	39.1	400,505	77.3	8,937	2.2	-
< 15	1,038	128	12.3	1	0.8	910	87.7	-	-	-
15-19	56,577	8,434	14.9	946	11.2	48,143	85.1	201	0.4	-
20-24	120,270	21,503	17.9	6,887	32.0	98,767	82.1	1,489	1.5	-
25-29	137,637	29,750	21.6	12,221	41.1	107,887	78.4	2,465	2.3	-
30-34	121,779	31,526	25.9	13,934	44.2	90,253	74.1	2,760	3.1	-
35-39	65,532	20,489	31.3	9,599	46.8	45,043	68.7	1,679	3.7	-
40-44	14,272	5,280	37.0	2,264	42.9	8,992	63.0	331	3.7	-
> 44	904	446	49.3	128	28.7	458	50.7	12	2.6	-
UNKNOWN	64	12	18.8	8	66.7	52	81.3	-	-	-

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-58
LIVE BIRTHS BY METHOD OF DELIVERY
AND EXPECTED SOURCE OF PAYMENT FOR DELIVERY
CALIFORNIA, 1999
(By Place of Residence)

EXPECTED SOURCE OF PAYMENT FOR DELIVERY	TOTAL	METHOD OF DELIVERY											UNSPECIFIED
		CESAREAN SECTION		VAGINAL DELIVERIES									
		Primary	Repeat	Spontaneous	Vacuum	Forceps	Forceps/ Vacuum	Post-Cesarean			Other		
						Spontaneous	Vacuum	Forceps	Forceps/ Vacuum				
TOTAL LIVE BIRTHS	518,073	71,580	45,988	354,520	33,279	3,391	377	3,231	910	115	21	4,661	-
NONE	163	-	-	162	-	-	-	-	-	-	-	1	-
MEDICARE	328	77	45	181	15	2	-	-	2	-	-	6	-
MEDI-CAL	208,365	26,581	19,711	145,174	12,711	1,139	94	737	287	27	6	1,898	-
WORKERS' COMPENSATION	294	19	21	232	18	1	-	-	-	-	-	3	-
TITLE V (MCH FUNDS)	63	11	8	37	5	-	-	1	-	-	-	1	-
OTHER GOVERNMENT PROGRAMS	9,390	1,464	396	6,973	363	103	8	15	6	3	1	58	-
BLUE CROSS/BLUE SHIELD	39,713	6,037	3,910	25,586	3,113	293	56	168	84	12	4	450	-
PRIVATE INSURANCE COMPANY	64,219	10,590	6,289	41,666	4,331	352	74	243	99	6	5	564	-
HMO/PHP	179,636	25,055	14,577	122,801	11,661	1,385	140	2,003	404	63	4	1,543	-
SELF-PAY	13,577	1,463	876	9,993	957	91	5	58	24	4	1	105	-
NO CHARGE	108	16	10	76	2	2	-	-	-	-	-	2	-
OTHER NONGOVERNMENT PROGRAMS	100	13	6	74	5	1	-	-	-	-	-	1	-
MEDICALLY INDIGENT	829	98	46	650	13	12	-	-	-	-	-	10	-
UNKNOWN	1,288	156	93	915	85	10	-	6	4	-	-	19	-

- Represents zero events.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-59
LIVE BIRTHS BY PLURITY OF DELIVERY, SEX OF CHILD,
AND RACE/ETHNICITY 1 OF MOTHER
CALIFORNIA, 1999
(By Place of Residence)

PLURITY OF BIRTH AND SEX OF CHILD	TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/ PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/ OTHER RACES	UNKNOWN
TOTAL	518,073	2,501	57,046	34,136	249,253	172,442	2,695
MALE	264,877	1,263	29,410	17,323	127,025	88,457	1,399
FEMALE	253,193	1,238	27,636	16,813	122,226	83,985	1,295
SINGLE	504,027	2,451	55,723	32,863	244,281	166,148	2,561
MALE	257,841	1,237	28,718	16,698	124,588	85,260	1,340
FEMALE	246,183	1,214	27,005	16,165	119,691	80,888	1,220
TWIN	13,400	50	1,277	1,242	4,818	5,891	122
MALE	6,709	26	669	609	2,371	2,983	51
FEMALE	6,691	24	608	633	2,447	2,908	71
TRIPLET	589	-	42	31	130	374	12
MALE	296	-	21	16	56	195	8
FEMALE	293	-	21	15	74	179	4
QUADRUPLET	52	-	4	-	24	24	-
MALE	29	-	2	-	10	17	-
FEMALE	23	-	2	-	14	7	-
OTHER MULTIPLE BIRTH ²	5	-	-	-	-	5	-
MALE	2	-	-	-	-	2	-
FEMALE	3	-	-	-	-	3	-
NOT STATED	-	-	-	-	-	-	-
MALE	-	-	-	-	-	-	-
FEMALE	-	-	-	-	-	-	-

- Represents zero events.

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races and Unknown exclude Hispanic.

American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes not stated.

² In 1999 there were five quintuplet births.

Note: Three births where sex of child was not reported are included in the totals.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-60. LIVE BIRTHS BY PLURALITY OF DELIVERY, SEX OF CHILD AND RACE OF MOTHER, CALIFORNIA, 1999 (By Place of Residence)

RACE OF MOTHER	ALL BIRTHS			PLURALITY OF BIRTH AND SEX OF CHILD																	
				SINGLE			TWIN			TRIPLET			QUARDUPLET			OTHER MULTIPLE BIRTHS ¹			NOT STATED		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	518,073	264,877	253,193	504,027	257,841	246,183	13,400	6,709	6,691	589	296	293	52	29	23	5	2	3	-	-	-
AMERICAN INDIAN	3,174	1,619	1,555	3,099	1,574	1,525	72	42	30	3	3	-	-	-	-	-	-	-	-	-	-
BLACK	35,138	17,809	17,329	33,839	17,175	16,664	1,268	618	650	31	16	15	-	-	-	-	-	-	-	-	-
CAMBODIAN	1,566	794	772	1,538	785	753	28	9	19	-	-	-	-	-	-	-	-	-	-	-	-
CHINESE	11,357	5,903	5,454	11,058	5,721	5,337	287	177	110	12	5	7	-	-	-	-	-	-	-	-	-
ESKIMO/ALEUT	15	10	5	15	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	14,951	7,699	7,252	14,656	7,539	7,117	289	154	135	6	6	-	-	-	-	-	-	-	-	-	-
INDIAN (EAST)	5,687	2,971	2,716	5,544	2,905	2,639	137	64	73	6	2	4	-	-	-	-	-	-	-	-	-
JAPANESE	2,963	1,525	1,438	2,873	1,477	1,396	90	48	42	-	-	-	-	-	-	-	-	-	-	-	-
KOREAN	3,926	1,968	1,958	3,860	1,935	1,925	66	33	33	-	-	-	-	-	-	-	-	-	-	-	-
LAOTIAN	1,022	529	493	999	515	484	23	14	9	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC ISLANDER	3,013	1,543	1,470	2,930	1,501	1,429	80	39	41	3	3	-	-	-	-	-	-	-	-	-	-
THAI	561	281	280	550	275	275	11	6	5	-	-	-	-	-	-	-	-	-	-	-	-
VIETNAMESE	8,053	4,140	3,913	7,882	4,059	3,823	156	76	80	15	5	10	-	-	-	-	-	-	-	-	-
WHITE	416,039	212,600	203,437	404,893	207,018	197,873	10,595	5,305	5,290	498	248	250	48	27	21	5	2	3	-	-	-
OTHER ASIAN	4,843	2,515	2,328	4,719	2,460	2,259	120	53	67	-	-	-	4	2	2	-	-	-	-	-	-
OTHER	3,025	1,544	1,481	2,966	1,524	1,442	56	20	36	3	-	3	-	-	-	-	-	-	-	-	-
NOT STATED	2,740	1,427	1,312	2,606	1,368	1,237	122	51	71	12	8	4	-	-	-	-	-	-	-	-	-

- Represents zero events.

¹ In 1999 there were five quintuplet births.

Note: Three births where sex of child was not reported are included in the totals.

Source: State of California, Department of Health Services, Birth Records.

TABLE 2-61
 MOST POPULAR BABY NAMES
 CALIFORNIA, 1999

GIRLS			BOYS		
NAME	1999 NUMBER	1998 RANK	NAME	1999 NUMBER	1998 RANK
1. Emily	2,799	4	1. Daniel	4,321	1
2. Samantha	2,776	3	2. Jose	3,831	2
3. Jennifer	2,660	5	3. Anthony	3,783	4
4. Ashley	2,590	2	4. Michael	3,719	3
5. Jessica	2,486	1	5. Andrew	3,574	7
6. Alyssa	2,066	9	6. David	3,450	6
7. Alexis	1,964	7	7. Jacob	3,436	5
8. Sarah	1,962	6	8. Matthew	3,285	8
9. Elizabeth	1,841	11	9. Christopher	3,231	9
10. Vanessa	1,766	8	10. Joshua	3,106	10
11. Stephanie	1,747	10	11. Jonathan	3,004	11
12. Hannah	1,675	13	12. Joseph	2,789	12
13. Jasmine	1,650	12	13. Nicholas	2,513	13
14. Natalie	1,642	15	14. Ryan	2,497	15
15. Maria	1,569	14	15. Brandon	2,473	14
16. Victoria	1,455	17	16. Juan	2,324	17
17. Lauren	1,383	-	17. Christian	2,311	16
18. Madison	1,370	16	18. Kevin	2,300	20
19. Kimberly	1,347	18	19. Luis	2,261	18
20. Brianna	1,341	21	20. Alexander	2,218	19
21. Andrea	1,301	-	21. Justin	2,218	21
22. Michelle	1,263	24	22. Angel	2,034	22
23. Melissa	1,246	20	23. Jesus	1,990	23
24. Taylor	1,204	19	24. Carlos	1,956	-
25. Nicole	1,202	25	25. John	1,736	-

- Not in top 25

Source: State of California, Department of Health Services, Birth Records

3. FETAL MORTALITY

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SUMMARY OF FETAL MORTALITY

There were 2,927 fetal deaths of 20 weeks or more gestation to California residents in 1999. This was a 4.1 percent decrease from the 3,053 in 1998 and a 26.6 percent decrease from the high of 3,989 in 1990 (Table 1-1).

Fetal Mortality Ratios

In 1999 the fetal mortality ratio in California decreased to 5.6 fetal deaths per 1,000 live resident births, down 5.1 percent from the 5.9 ratio in 1998. The 1999 ratio was down 3.4 percent over the five-year period from the 5.8 ratio in 1994 and down 16.4 percent over the 10-year period from the 6.7 ratio in 1989.

Fetal Mortality Ratios 1989, 1994-1999

Year	1989	1994	1995	1996	1997	1998	1999
Ratio	6.7	5.8	6.1	6.2	5.7	5.9	5.6

Among the 38 counties with at least 5 fetal deaths and at least 1,000 live births in 1999, the fetal mortality ratio ranged from a low of 2.4 in Placer County to a high of 8.7 in Madera County (Table 1-2).

The highest fetal mortality ratios were for women under 17 years of age, age 19, and 35 years and over. The lowest fetal mortality ratios were 4.4 fetal deaths per 1,000 live births for women age 18 and 4.7 for women ages 25-29 (Table 3-1).

Race/Ethnicity

There were 1,343 fetal deaths for Hispanic women in 1999, 45.9 percent of all fetal deaths. There were 869 fetal deaths for White women, 29.7 percent of all fetal deaths. There were 384 fetal deaths for Black women and 273 for Asian/Pacific Islander women, 13.1 and 9.3 percent, respectively, of all fetal deaths in 1999 (Table 3-2).

Fetal Mortality Ratios by Race/Ethnicity, 1999

Race/Ethnicity	Fetal Deaths	Births	Ratio
Asian/Pacific Islander	273	59,547	4.6
Black	384	34,136	11.2
Hispanic	1,343	249,253	5.4
White	869	175,137	5.0

In 1999 the fetal mortality ratio for Hispanic women was 5.4 fetal deaths per 1,000 births to Hispanic women. This ratio was 5.0 for White women, 11.2 for Black women, and 4.6 for Asian/Pacific Islander women.

Race (Hispanic Origin is included in all races)

There were 2,186 fetal deaths for White women in 1999, 74.7 percent of all fetal deaths. There were 388 fetal deaths for Black women, 13.3 percent of fetal deaths. There were 66 fetal deaths for Filipino women, 2.3 percent of fetal deaths (Table 3-3).

Gestation

In 1999, 1,998 or 68.3 percent of fetal deaths were premature, less than 37 weeks of gestation (Table 3-4).

TABLE 3.1 NUMBER, RATIO, AND PERCENT DISTRIBUTION OF FETAL DEATHS BY AGE OF MOTHER, CALIFORNIA 1999 (By Place of Residence)

(Fetal mortality ratios are per 1,000 live births of each age group.)

AGE OF MOTHER	FETAL DEATHS	MORTALITY RATIO	PERCENT
TOTAL	2,927	5.6	100.0
Under 15	8	7.7	0.3
15 - 19	312	5.5	10.7
15	19	6.6	0.6
16	47	7.0	1.6
17	57	5.3	1.9
18	69	4.4	2.4
19	120	5.8	4.1
20 - 24	621	5.2	21.2
25 - 29	649	4.7	22.2
30 - 34	657	5.4	22.4
35 - 39	475	7.2	16.2
40 - 44	137	9.6	4.7
45 and Over	13	14.4	0.4
Not Stated	55		1.9

Note: Includes only those fetal deaths of 20 weeks or more gestation. Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Birth and Fetal Death Records.

TABLE 3-2. FETAL DEATHS BY RACE/ETHNICITY¹ AND AGE OF MOTHER, CALIFORNIA 1999 (By Place of Residence)

AGE OF MOTHER	TOTAL	RACE/ETHNICITY OF MOTHER					
		AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN
TOTAL	2,927	9	273	384	1,343	869	49
Under 15	8	-	-	1	5	2	-
15 - 19	312	1	19	56	168	66	2
15	19	-	-	6	11	2	-
16	47	1	5	8	29	3	1
17	57	-	6	6	31	14	-
18	69	-	3	15	37	13	1
19	120	-	5	21	60	34	-
20 - 24	621	4	27	97	334	155	4
25 - 29	649	1	74	87	307	176	4
30 - 34	657	2	82	76	271	220	6
35 - 39	475	1	56	48	186	180	4
40 - 44	137	-	13	14	56	53	1
45 - 49	13	-	1	-	5	7	-
Not Stated	55	-	1	5	11	10	28

¹ American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

- Represents zero events.

Note: Fetal deaths include only those fetal deaths of 20 weeks or more gestation.

Source: State of California, Department of Health Services, Fetal Death Records.

TABLE 3-3. FETAL DEATHS BY RACE AND AGE OF MOTHER, CALIFORNIA 1999 (By Place of Residence)

RACE OF MOTHER	TOTAL	AGE OF MOTHER														
		UNDER 15	15	16	17	18	19	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 AND OVER	NOT STATED
TOTAL	2,927	8	19	47	57	69	120	312	621	649	657	475	137	13	-	55
AMERICAN INDIAN	11	-	-	1	-	-	-	1	5	2	2	1	-	-	-	-
BLACK	388	1	6	8	6	15	23	58	98	88	76	48	14	-	-	5
CAMBODIAN	14	-	-	2	1	-	-	3	1	3	6	-	1	-	-	-
CHINESE	36	-	-	-	-	-	-	-	-	5	19	10	2	-	-	-
ESKIMO/ALEUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	66	-	-	1	3	-	3	7	10	18	11	16	3	-	-	1
INDIAN (INDIA)	45	-	-	-	-	-	-	-	6	18	17	4	-	-	-	-
JAPANESE	10	-	-	-	-	-	-	-	3	2	3	2	-	-	-	-
KOREAN	5	-	-	-	-	-	-	-	-	1	1	3	-	-	-	-
LAOTIAN	14	-	-	-	1	2	1	4	1	3	3	3	-	-	-	-
PACIFIC ISLANDER	22	-	-	-	-	1	-	1	3	8	5	4	1	-	-	-
THAI	4	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-
VIETNAMESE	41	-	-	-	-	-	1	1	3	10	15	6	5	1	-	-
WHITE	2,186	7	13	32	45	50	91	231	483	476	488	360	109	12	-	20
OTHER ASIAN	18	-	-	2	1	-	-	3	-	6	2	6	1	-	-	-
OTHER	16	-	-	-	-	-	1	1	4	3	3	5	-	-	-	-
NOT STATED	51	-	-	1	-	1	-	2	4	5	6	4	1	-	-	29

- Represents zero events.

Note: Includes only those fetal deaths of 20 weeks or more gestation.

Source: State of California, Department of Health Services, Fetal Death Records.

TABLE 3-4. NUMBER AND PERCENT OF FETAL DEATHS BY WEEKS OF GESTATION, CALIFORNIA 1999 (By Place of Residence)

WEEKS OF GESTATION	FETAL DEATHS	PERCENT	
		All Fetal Deaths	Excluding Unknown Gestation
TOTAL	2,927	100.0	100.0
20 - Under 37 Completed Weeks	1,998	68.3	74.6
37 - Under 42 Completed Weeks	612	20.9	22.9
42 - Under 53 Completed Weeks	67	2.3	2.5
Not Stated ¹	250	8.5	-

¹ "Not Stated" includes not only those not stated, but also 23 fetal deaths of 53 weeks or more gestation. This category reflects reporting inaccuracies rather than actual gestation periods.

Note: Includes only those fetal deaths of 20 weeks or more gestation. Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Fetal Death Records.

TABLE 3-5. FETAL DEATHS BY AGE OF MOTHER, CALIFORNIA 1999 (By Place of Residence)

	TOTAL	AGE OF MOTHER													
		UNDER 15	15	16	17	18	19	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 AND OVER	NOT STATED
CALIFORNIA	2,927	8	19	47	57	69	120	312	621	649	657	475	137	13	55
ALAMEDA	139	-	1	2	1	-	7	11	26	34	36	24	5	2	1
Berkeley	3	-	-	-	-	-	-	-	-	1	1	-	-	-	-
ALPINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMADOR	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-
BUTTE	17	-	1	1	-	-	2	4	5	1	2	4	1	-	-
CALAVERAS	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-
COLUSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONTRA COSTA	76	-	-	1	2	-	3	6	17	20	14	13	6	-	-
DEL NORTE	1	-	-	-	1	-	-	1	-	-	-	-	-	-	-
EL DORADO	8	1	-	-	-	-	-	-	-	3	1	3	-	-	-
FRESNO	94	1	1	1	5	3	6	16	27	13	16	13	5	1	2
GLENN	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
HUMBOLDT	8	1	-	1	-	-	2	3	1	1	-	1	1	-	-
IMPERIAL	16	-	-	1	-	-	1	2	4	4	2	4	-	-	-
INYO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KERN	76	-	2	-	5	4	8	19	21	11	14	6	4	1	-
KINGS	13	-	-	-	-	1	-	1	3	5	1	1	2	-	-
LAKE	4	-	-	-	-	-	-	-	1	2	-	1	-	-	-
LASSEN	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
LOS ANGELES	904	3	6	7	19	19	29	80	198	188	218	152	33	1	31
Long Beach	56	-	1	2	2	1	3	9	13	15	8	8	2	-	1
Pasadena	12	-	-	-	-	-	1	1	1	-	7	3	-	-	-
MADERA	17	-	1	2	-	-	-	3	3	7	2	2	-	-	-
MARIN	15	-	-	-	-	-	1	1	1	-	7	5	1	-	-
MARIPOSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MENDOCINO	5	-	-	-	-	-	-	-	3	1	1	-	-	-	-
MERCED	26	1	-	-	-	1	1	2	6	8	2	7	-	-	-
MODOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTEREY	42	-	-	1	-	2	2	5	8	15	7	6	-	-	1
NAPA	11	-	-	-	-	1	-	1	1	4	3	1	1	-	-
NEVADA	4	-	-	-	-	-	-	-	1	1	-	2	-	-	-
ORANGE	246	1	1	6	6	5	7	25	32	69	53	49	14	1	2
PLACER	7	-	-	-	-	-	1	1	1	-	2	1	2	-	-
PLUMAS	1	-	-	-	1	-	-	1	-	-	-	-	-	-	-
RIVERSIDE	116	-	1	3	-	6	5	15	32	26	17	16	5	-	5
SACRAMENTO	117	-	-	1	3	1	7	12	22	32	28	14	6	1	2
SAN BENITO	4	-	-	-	1	-	-	1	-	2	-	1	-	-	-
SAN BERNARDINO	140	-	2	3	3	4	9	21	35	28	24	17	9	3	3
SAN DIEGO	242	-	-	6	1	6	12	25	49	52	61	36	13	-	6
SAN FRANCISCO	35	-	-	-	-	-	2	2	5	10	10	6	2	-	-
SAN JOAQUIN	56	-	-	2	2	2	2	8	9	14	18	5	2	-	-
SAN LUIS OBISPO	10	-	-	1	-	-	1	2	1	4	1	2	-	-	-
SAN MATEO	41	-	-	1	1	-	-	2	9	5	13	9	3	-	-
SANTA BARBARA	27	-	1	-	-	-	1	2	7	5	7	3	3	-	-
SANTA CLARA	116	-	-	1	1	2	1	5	22	19	34	23	11	-	2
SANTA CRUZ	27	-	1	1	-	2	-	4	2	2	6	8	4	1	-
SHASTA	10	-	-	1	-	1	1	3	-	1	2	3	1	-	-
SIERRA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOLANO	26	-	-	-	-	-	-	-	7	9	6	4	-	-	-
SONOMA	30	-	-	1	2	-	1	4	7	9	6	4	-	-	-
STANISLAUS	44	-	-	1	-	5	3	9	8	12	11	3	-	1	-
SUTTER	8	-	-	-	-	-	-	-	4	2	2	-	-	-	-
TEHAMA	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
TRINITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TULARE	56	-	-	-	1	3	2	6	20	12	13	5	-	-	-
TUOLUMNE	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-
VENTURA	65	-	1	1	1	1	3	7	12	14	11	17	3	1	-
YOLO	13	-	-	-	-	-	-	-	3	3	4	3	-	-	-
YUBA	5	-	-	1	1	-	-	2	1	1	1	-	-	-	-

- Represents zero events.

Note: Fetal deaths include only those fetal deaths of 20 weeks or more gestation.

Source: State of California, Department of Health Services, Fetal Death Records.

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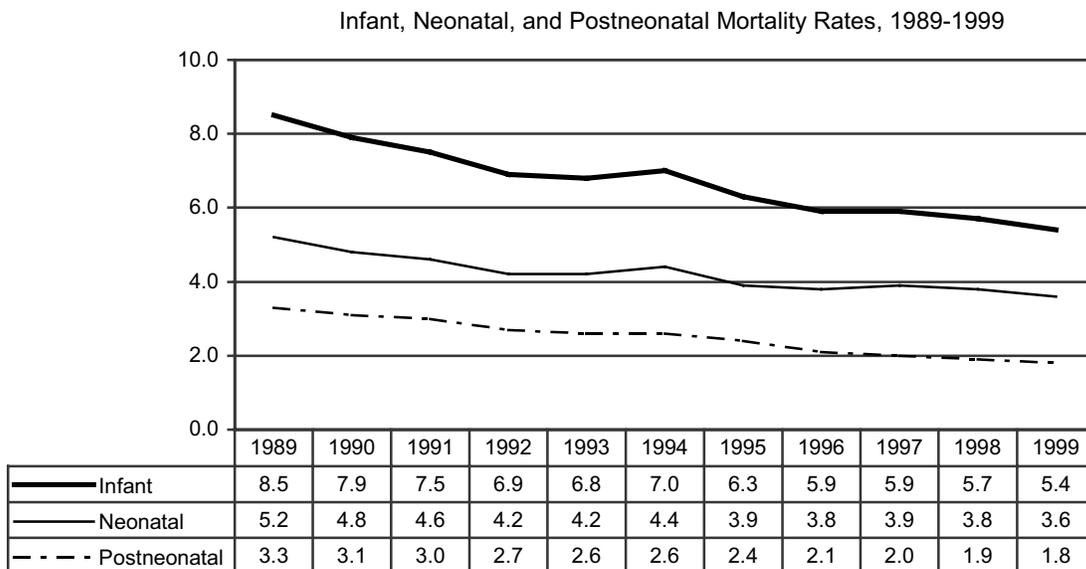
There were 2,787 deaths of California resident infants (under one year of age) in 1999, 207 fewer than the number of infant deaths in 1998. This was the tenth consecutive decrease from the high level of 4,853 in 1989 (Table 1-1).

More than half of the infant deaths were males, 54.9 percent, and 45.1 percent were females. The majority (66.1 percent) of infant deaths were less than 28 days old (Table 4-1). Of these, 61.3 percent died within 24 hours of birth.

Infant Mortality Rates

The infant mortality rate in California was 5.4 deaths under one year of age per 1,000 live births in 1999. This rate was down 5.3 percent from the rate of 5.7 in 1998, down 22.9 percent over the five-year period from the 7.0 rate in 1994 and down 36.5 percent over the ten-year period from the 8.5 rate in 1989 (Table 1-1).

Among the 35 counties with at least 5 infant deaths and at least 1,000 live births, the infant mortality rates ranged from 2.6 in Marin County to 7.6 in San Bernardino County (Table 1-2).



The neonatal (less than 28 days old) mortality rate was 3.6 deaths per 1,000 live births in 1999, down from the 3.8 rate in 1998, and down from the 4.4 rate in 1994. The neonatal mortality rate in 1999 was down 30.8 percent over the ten-year period from the 5.2 rate in 1989 (Table 4-1).

Among the 32 counties with at least 5 neonatal deaths and at least 1,000 live births, the neonatal mortality rate ranged from 2.1 in San Francisco County to 5.3 in Stanislaus County (Table 1-2).

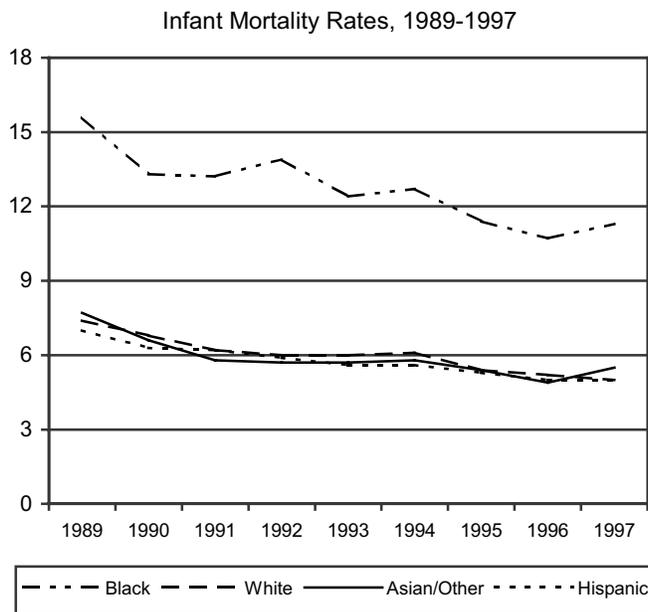
The postneonatal (28 days to 11 months) mortality rate was 1.8 per 1,000 live births in 1999, down from the 1.9 rate in 1998, down 30.8 percent from the 2.6 rate in 1994 and down 45.5 percent from the rate of 3.3 in 1989.

Among the 26 counties with at least 5 postneonatal deaths and at least 1,000 live births, the post-neonatal mortality rate ranged from 0.9 in San Mateo County to 4.4 in Merced County.

Age-Adjusted Birth Cohort Infant Mortality by Race/Ethnicity

Note: The following infant mortality rates by race/ethnicity are computed from data in the California Birth Cohort File, which links race information from the birth certificates with the fetal death and death certificate data (within the first year of life). The cohort file provides more accurate race data. The total number of births and infant deaths is slightly higher compared to the death master files because of the open-ended updating of the cohort files. Due to the linkage process, there is approximately a two-year time lag in the availability of these data.

Birth cohort mortality rates, provided below, are age-adjusted and computed using deaths linked to single live births. These rates are per 1,000 single live births. These rates will be lower than unadjusted infant mortality rates computed with total live births. The race identification is the race/ethnicity of the mother (Table 4-4).



The overall age-adjusted infant mortality rate dropped from 7.0 deaths per 1,000 single live births in 1990 to 5.3 deaths in 1997. The Black infant mortality rate remained twice as high as rates for the other race/ethnic groups.

The mortality rate for Asian/Other infants was 5.5 deaths per 1,000 single live births in 1997, up from the 4.9 rate in 1996 and down 16.7 percent from the 1990 rate of 6.6.

The mortality rate for Black infants was 11.3 in 1997, up from 10.7 in 1996 and down 15.0 percent over seven years from the 13.3 rate in 1990.

The mortality rate for Hispanic infants was 5.0 in 1997, unchanged from 1996 and down 20.6 percent from the 6.3 rate in 1990.

The mortality rate for White infants was 5.0 in 1997, down from the 5.2 rate in 1996 and down 26.5 percent over the seven years from the 6.8 rate in 1990.

Causes of Death

*(Causes of death are coded using the **International Classification of Death, Tenth Revision (ICD-10)** and are not necessarily comparable to earlier data coded under ICD-9.)*

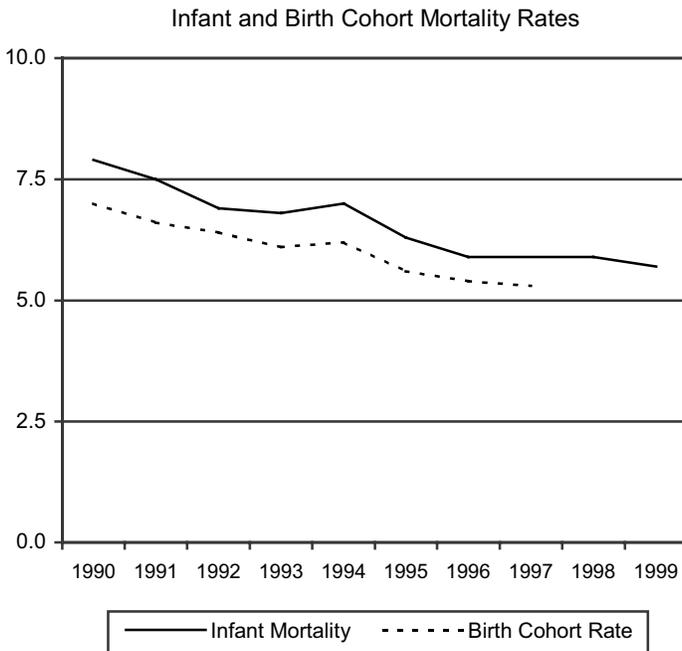
In 1999 the three leading causes of death for infants accounted for 46.6 percent of all infant deaths (Table 1-9). Of the 2,787 infant deaths, 676 were from congenital malformations et al. Of these deaths, 68.3 percent were neonatal deaths (infants less than 28 days old). There were 386 deaths from disorders of short gestation and low birthweight, of which 97.9 percent were neonatal deaths. There were 237 infant deaths from sudden infant death syndrome (SIDS), 93.2 percent of which were postneonatal deaths (28 days to 11 months) (Table 4-7).

Leading Causes of Infant Death by Sex, 1999

Males	Females	Causes of Infant Death	Number	Percent
352	324	Congenital Malformations, Deformations, and Chromosomal Anomalies	676	24.3
213	173	Disorders of Short Gestation and Low Birthweight	386	13.9
130	107	Sudden Infant Death Syndrome (SIDS)	237	8.5

Crude Infant Mortality Rates by Race/Ethnicity

Note: The following crude infant mortality rates are provided in lieu of Under 1 Year death rates in Chapter 5 and to provide more current data than is available from the birth cohort file. These rates are per 1,000 live births. These rates by race/ethnicity differ from those derived from the cohort file due to probable underreporting of race/ethnicity on death certificates. For this reason, the cohort mortality rates will also be displayed on the charts.



The trend line for infant mortality rates for 1990-1999 parallels the trend for the age-adjusted birth cohort rates, though at a higher level.

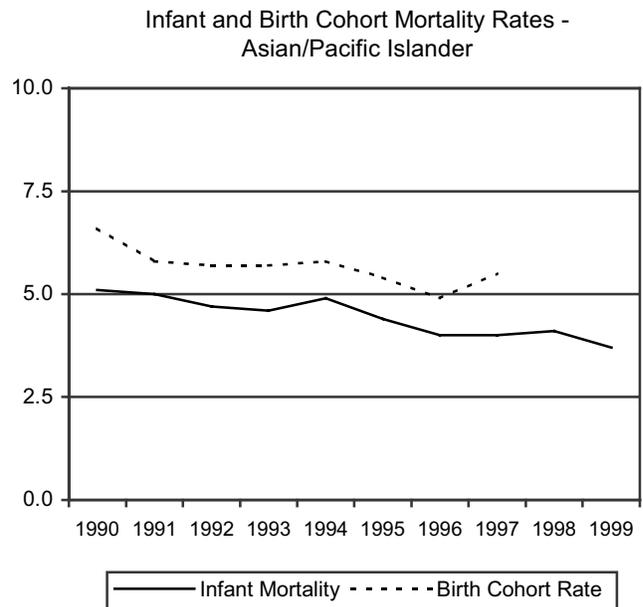
Infant mortality rates dropped from 7.9 deaths per 1,000 live births in 1990 to 5.9 in 1997 and continued down to 5.4 in 1999 (Table 4-1).

Age-adjusted birth cohort rates dropped from 7.0 cohort infant deaths per 1,000 single live births in 1990 to 5.3 in 1997 (Table 4-4).

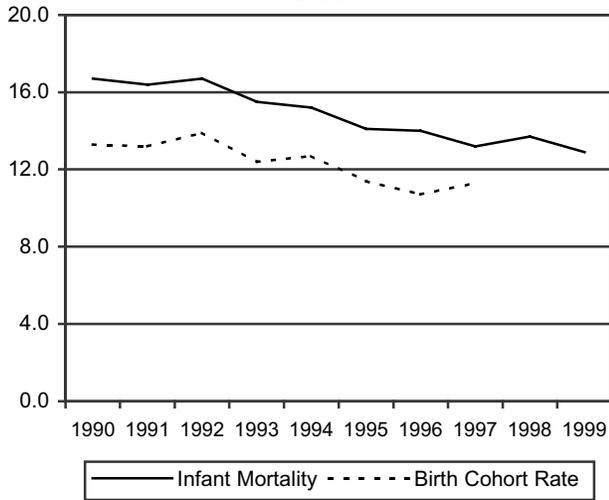
The trend line for infant mortality rates for Asian/Pacific Islanders for 1990-1999 parallels the trend for age-adjusted birth cohort rates through 1996, but at a lower level.

Infant mortality rates for Asian/Pacific Islanders dropped from 5.1 deaths per 1,000 live births in 1990 to 4.0 in 1997 and continued down to 3.7 in 1999 (Table 4-3).

Age-adjusted birth cohort rates for Asian/Pacific Islanders dropped from 6.6 cohort infant deaths per 1,000 single live births in 1990 to 4.9 in 1996, then moved up to 5.5 in 1997 (Table 4-4).



Infant and Birth Cohort Mortality Rates - Black



The trend line for infant mortality rates for Blacks for 1990-1999 parallels the trend for age-adjusted birth cohort rates, but at a higher level.

Infant mortality rates for Black residents dropped from 16.7 deaths per 1,000 live births in 1990 to 13.2 in 1997 and continued down to 12.9 in 1999 (Table 4-3).

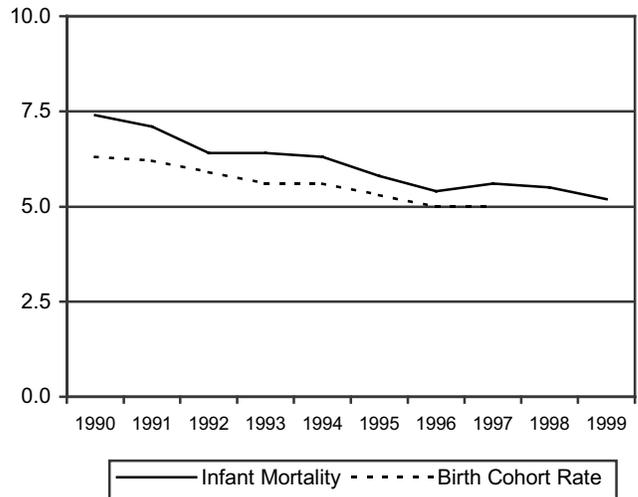
Age-adjusted birth cohort rates for Blacks dropped from 13.3 cohort infant deaths per 1,000 single live births in 1990 to 10.7 in 1996, then moved up to 11.3 in 1997 (Table 4-4).

The trend line for infant mortality rates for Hispanics for 1990-1999 parallels the trend for age-adjusted birth cohort rates, but at a higher level.

Infant mortality rates for Hispanics dropped from 7.4 deaths per 1,000 live births in 1990 to 5.6 in 1997 and continued down to 5.2 in 1999 (Table 4-3).

Age-adjusted birth cohort rates for Hispanics dropped from 6.3 cohort infant deaths per 1,000 single live births in 1990 to 5.0 in 1997 (Table 4-4).

Infant and Birth Cohort Mortality Rates - Hispanic



The trend line for infant mortality rates for White residents for 1990-1999 parallels the trend for age-adjusted birth cohort rates, but at a higher level.

Infant mortality rates for White residents dropped from 7.4 deaths per 1,000 live births in 1990 to 5.4 in 1997 and continued down to 4.7 in 1999 (Table 4-3).

Age-adjusted birth cohort rates for Whites dropped from 6.8 cohort infant deaths per 1,000 single live births in 1990 to 5.0 in 1997 (Table 4-4).

Infant and Birth Cohort Mortality Rates - White

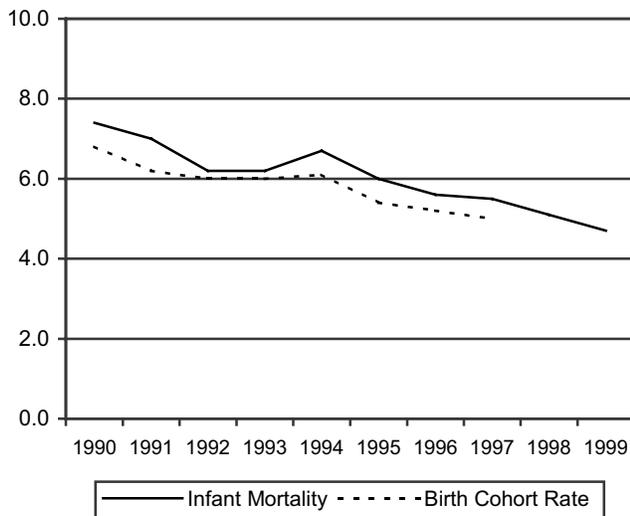


TABLE 4-1. INFANT , NEONATAL, AND POSTNEONATAL DEATHS AND MORTALITY RATES BY SEX, CALIFORNIA, 1990-1999 (By Place of Residence)
(Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths per 1,000 births in specified group.

Year	Infant Deaths			Infant Mortality Rates		
	Total	Males	Females	Total	Males	Females
<u>INFANT MORTALITY</u>						
1999	2,787	1,530	1,257	5.4	5.8	5.0
1998	2,994	1,627	1,367	5.7	6.1	5.4
1997	3,091	1,663	1,428	5.9	6.2	5.6
1996	3,186	1,768	1,418	5.9	6.4	5.4
1995	3,478	1,958	1,520	6.3	6.9	5.7
1994	3,948	2,181	1,767	7.0	7.5	6.4
1993	3,970	2,204	1,766	6.8	7.4	6.2
1992	4,174	2,351	1,823	6.9	7.6	6.2
1991	4,596	2,661	1,935	7.5	8.5	6.5
1990	4,828	2,766	2,062	7.9	8.8	6.9
<u>NEONATAL MORTALITY</u>						
1999	1,843	995	848	3.6	3.8	3.3
1998	1,993	1,068	925	3.8	4.0	3.6
1997	2,056	1,080	976	3.9	4.0	3.8
1996	2,041	1,105	936	3.8	4.0	3.6
1995	2,164	1,208	956	3.9	4.3	3.6
1994	2,467	1,355	1,112	4.4	4.7	4.0
1993	2,429	1,310	1,119	4.2	4.4	3.9
1992	2,545	1,402	1,143	4.2	4.6	3.9
1991	2,774	1,550	1,224	4.6	5.0	4.1
1990	2,959	1,688	1,271	4.8	5.4	4.3
<u>POSTNEONATAL MORTALITY</u>						
1999	944	535	409	1.8	2.0	1.6
1998	1,001	559	442	1.9	2.1	1.7
1997	1,035	583	452	2.0	2.2	1.8
1996	1,145	663	482	2.1	2.4	1.8
1995	1,314	750	564	2.4	2.7	2.1
1994	1,481	826	655	2.6	2.9	2.4
1993	1,541	894	647	2.6	3.0	2.3
1992	1,629	949	680	2.7	3.1	2.3
1991	1,822	1,111	711	3.0	3.6	2.4
1990	1,869	1,078	791	3.1	3.4	2.7

Source: State of California, Department of Health Services, Birth and Death Records.

TABLE 4-2. INFANT , NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE/ETHNICITY, CALIFORNIA, 1990-1999
 (By Place of Residence)
 (Infant deaths are under 1 year, neonatal deaths are under 28 days, and postneonatal deaths are 28 days-11 months.)

Year	Infant Deaths											
	Asian/Pacific Islander			Black			Hispanic			White		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
INFANT DEATHS												
1999	212	119	93	439	227	212	1,297	720	577	821	456	365
1998	229	111	118	481	262	219	1,351	723	628	906	517	389
1997	227	120	107	475	243	232	1,396	731	665	981	564	417
1996	230	132	98	517	274	243	1,380	806	574	1,042	544	498
1995	251	144	107	552	293	259	1,472	823	649	1,183	687	496
1994	286	158	128	631	343	288	1,617	891	726	1,399	778	621
1993	266	145	121	679	381	298	1,665	905	760	1,352	767	585
1992	274	160	114	761	447	314	1,680	923	757	1,442	807	635
1991	284	157	127	766	449	317	1,824	1,045	779	1,708	1003	705
1990	287	164	123	803	452	351	1,805	1,025	780	1,923	1120	803
NEONATAL DEATHS												
1999	130	73	57	273	137	136	877	477	400	551	303	248
1998	159	75	84	285	146	139	933	493	440	600	346	254
1997	141	80	61	322	155	167	934	491	443	653	352	301
1996	153	83	70	306	143	163	886	524	362	687	347	340
1995	154	88	66	326	174	152	967	537	430	706	402	304
1994	168	94	74	388	215	173	1,060	576	484	844	465	379
1993	162	90	72	421	225	196	1,024	545	479	818	447	371
1992	160	92	68	484	290	194	1,038	551	487	856	463	393
1991	154	77	77	436	246	190	1,145	628	517	1,034	597	437
1990	151	83	68	480	266	214	1,148	655	493	1,175	680	495
POSTNEONATAL DEATHS												
1999	82	46	36	166	90	76	420	243	177	270	153	117
1998	70	36	34	196	116	80	418	230	188	306	171	135
1997	86	40	46	153	88	65	462	240	222	328	212	116
1996	77	49	28	211	131	80	494	282	212	355	197	158
1995	97	56	41	226	119	107	505	286	219	477	285	192
1994	118	64	54	243	128	115	557	315	242	555	313	242
1993	104	55	49	258	156	102	641	360	281	534	320	214
1992	114	68	46	277	157	120	642	372	270	586	344	242
1991	130	80	50	330	203	127	679	417	262	674	406	268
1990	136	81	55	323	186	137	657	370	287	748	440	308

Note: Asian/Pacific Islander, Black, and White exclude Hispanic. Hispanic includes any race. White includes Other Races, Unknown Race, and Race Not Stated.

Source: State of California, Department of Health Services, Death Records.

TABLE 4-3. INFANT , NEONATAL, AND POSTNEONATAL MORTALITY RATES BY SEX AND RACE/ETHNICITY, CALIFORNIA, 1990-1999
(By Place of Residence)

(Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days-11 months) deaths per 1,000 births in specified group. Infant mortality rates are based on race of child on the death certificate and race of mother on the birth certificate.)

Year	Infant Mortality Rates											
	Asian/Pacific Islander			Black			Hispanic			White		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>INFANT MORTALITY RATES</u>												
1999	3.7	4.0	3.4	12.9	13.1	12.6	5.2	5.7	4.7	4.7	5.1	4.3
1998	4.1	3.9	4.4	13.7	14.5	12.8	5.5	5.7	5.2	5.0	5.6	4.4
1997	4.0	4.1	3.9	13.2	13.3	13.1	5.6	5.8	5.4	5.4	6.1	4.7
1996	4.0	4.5	3.5	14.0	14.5	13.4	5.4	6.2	4.6	5.6	5.7	5.5
1995	4.4	4.8	3.9	14.1	14.8	13.3	5.8	6.4	5.2	6.0	6.7	5.2
1994	4.9	5.3	4.6	15.2	16.2	14.1	6.3	6.8	5.7	6.7	7.3	6.1
1993	4.6	4.9	4.4	15.5	17.1	13.8	6.4	6.8	5.9	6.2	6.8	5.5
1992	4.7	5.3	4.0	16.7	19.3	14.0	6.4	6.9	5.9	6.2	6.8	5.7
1991	5.0	5.3	4.6	16.4	18.9	13.7	7.1	8.0	6.2	7.0	8.0	5.9
1990	5.1	5.7	4.5	16.7	18.5	14.8	7.4	8.2	6.5	7.4	8.4	6.4
<u>NEONATAL MORTALITY RATES</u>												
1999	2.3	2.5	2.1	8.0	7.9	8.1	3.5	3.8	3.3	3.1	3.4	2.9
1998	2.9	2.6	3.1	8.1	8.1	8.1	3.8	3.9	3.6	3.3	3.8	2.9
1997	2.5	2.7	2.2	9.0	8.5	9.4	3.8	3.9	3.6	3.6	3.8	3.4
1996	2.7	2.8	2.5	8.3	7.6	9.0	3.5	4.0	2.9	3.7	3.6	3.7
1995	2.7	3.0	2.4	8.3	8.8	7.8	3.8	4.1	3.5	3.6	3.9	3.2
1994	2.9	3.2	2.6	9.4	10.2	8.5	4.1	4.4	3.8	4.1	4.4	3.7
1993	2.8	3.0	2.6	9.6	10.1	9.1	3.9	4.1	3.7	3.7	4.0	3.5
1992	2.7	3.0	2.4	10.6	12.5	8.7	3.9	4.1	3.8	3.7	3.9	3.5
1991	2.7	2.6	2.8	9.3	10.4	8.2	4.4	4.8	4.1	4.2	4.7	3.7
1990	2.7	2.9	2.5	10.0	10.9	9.0	4.7	5.2	4.1	4.5	5.1	3.9
<u>POSTNEONATAL MORTALITY RATES</u>												
1999	1.4	1.6	1.3	4.9	5.2	4.5	1.7	1.9	1.4	1.5	1.7	1.4
1998	1.3	1.2	1.3	5.6	6.4	4.7	1.7	1.8	1.5	1.7	1.9	1.5
1997	1.5	1.4	1.7	4.3	4.8	3.7	1.9	1.9	1.8	1.8	2.3	1.3
1996	1.4	1.7	1.0	5.7	6.9	4.4	1.9	2.2	1.7	1.9	2.0	1.7
1995	1.7	1.9	1.5	5.8	6.0	5.5	2.0	2.2	1.8	2.4	2.8	2.0
1994	2.0	2.1	1.9	5.9	6.1	5.6	2.2	2.4	1.9	2.7	2.9	2.4
1993	1.8	1.9	1.8	5.9	7.0	4.7	2.4	2.7	2.2	2.4	2.9	2.0
1992	1.9	2.3	1.6	6.1	6.8	5.4	2.4	2.8	2.1	2.5	2.9	2.2
1991	2.3	2.7	1.8	7.1	8.6	5.5	2.6	3.2	2.1	2.8	3.2	2.3
1990	2.4	2.8	2.0	6.7	7.6	5.8	2.7	3.0	2.4	2.9	3.3	2.4

Note: Asian/Pacific Islander, Black, and White exclude Hispanic. Hispanic includes any race. White includes Other Races, Unknown Race, and Race Not Stated.

Source: State of California, Department of Health Services, Birth and Death Records.

TABLE 4-4. AGE-ADJUSTED¹ PERINATAL AND INFANT MORTALITY RATES FOR SINGLE BIRTHS BY RACE/ETHNICITY OF MOTHER, CALIFORNIA BIRTH COHORTS, 1990-1997 (By Place of Residence)

(Fetal mortality ratios and perinatal mortality rates are per 1,000 single total births; neonatal and infant mortality rates are per 1,000 single live births; postneonatal mortality rates are per 1,000 infants surviving 28 days or more.)

RACE/ETHNICITY OF MOTHER	COHORT YEAR	SINGLE TOTAL BIRTHS ²	SINGLE LIVE BIRTHS	MORTALITY RATIOS AND RATES				
				FETAL ^{3,4}	NEO-NATAL	PERI-NATAL	POST-NEONATAL	INFANT
ALL RACES	1997	513,479	510,814	5.1	3.5	8.5	1.9	5.3
	1996	528,462	525,526	5.4	3.4	8.8	2.0	5.4
	1995	541,070	538,046	5.4	3.5	8.9	2.2	5.6
	1994	556,760	553,789	5.3	3.8	9.0	2.4	6.2
	1993	574,202	570,985	5.4	3.6	9.0	2.6	6.1
	1992	590,277	586,948	5.5	3.8	9.3	2.7	6.4
	1991	599,143	595,737	5.6	3.9	9.5	2.8	6.6
	1990	601,735	598,224	5.8	4.0	9.7	3.1	7.0
ASIAN/PACIFIC ISLANDER/NATIVE AMERICAN	1997	58,334	58,081	4.0	3.2	7.2	2.3	5.5
	1996	58,776	58,482	4.6	3.2	7.8	1.8	4.9
	1995	59,137	58,851	4.4	3.3	7.6	2.2	5.4
	1994	59,673	59,402	4.4	3.2	7.6	2.6	5.8
	1993	59,454	59,171	4.5	3.1	7.6	2.6	5.7
	1992	60,439	60,160	4.4	3.2	7.5	2.5	5.7
	1991	59,055	58,781	4.7	3.1	7.8	2.6	5.8
	1990	57,909	57,636	4.6	3.3	7.8	3.3	6.6
BLACK	1997	35,069	34,723	9.7	7.5	17.2	3.8	11.3
	1996	36,164	35,814	9.6	6.5	16.0	4.2	10.7
	1995	38,264	37,857	10.4	7.0	17.3	4.5	11.4
	1994	40,487	40,079	9.8	7.7	17.5	5.0	12.7
	1993	42,735	42,329	9.4	7.6	17.0	4.8	12.4
	1992	44,578	44,131	10.1	8.8	18.8	5.1	13.9
	1991	45,797	45,322	10.5	7.4	17.8	5.7	13.2
	1990	47,122	46,649	10.3	7.3	17.6	6.0	13.3
HISPANIC	1997	245,102	243,889	4.9	3.4	8.3	1.6	5.0
	1996	251,383	250,017	5.4	3.3	8.7	1.8	5.0
	1995	250,373	249,041	5.4	3.4	8.7	1.9	5.3
	1994	254,080	252,724	5.4	3.6	9.0	2.0	5.6
	1993	258,950	257,148	5.7	3.5	9.1	2.2	5.6
	1992	259,558	258,103	5.7	3.6	9.3	2.4	5.9
	1991	254,540	253,084	5.9	3.8	9.7	2.4	6.2
	1990	242,174	240,754	6.0	3.9	9.9	2.5	6.3
WHITE	1997	172,243	171,400	5.0	3.0	8.0	2.0	5.0
	1996	180,147	179,238	5.2	3.2	8.4	2.0	5.2
	1995	191,310	190,321	4.9	3.0	7.9	2.4	5.4
	1994	199,782	198,856	4.7	3.6	8.3	2.5	6.1
	1993	211,025	209,950	4.8	3.1	7.9	2.9	6.0
	1992	223,424	222,287	4.9	3.2	8.1	2.8	6.0
	1991	237,622	236,438	4.9	3.4	8.3	2.8	6.2
	1990	251,640	250,322	5.2	3.6	8.8	3.2	6.8

¹ Direct method of adjustment to 1960 California single total birth by age of mother, excluding age unknown.

² Total births include live births plus fetal deaths of 20 weeks or more gestation.

³ Fetal deaths under 20 weeks gestation are excluded.

⁴ Fetal mortality ratios include some induced terminations.

Note: Asian/Pacific Islander/Native American, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category.

Source: State of California, Department of Health Services, Birth Cohort Records.

TABLE 4-5. NUMBER AND PERCENT OF INFANT DEATHS AND INFANT MORTALITY RATES FOR LEADING CAUSES OF DEATH BY SEX, CALIFORNIA, 1999 (By Place of Residence)
(Infant mortality rates are per 100,000 live births in specified group.)

TOTAL RANK	CAUSE OF INFANT DEATH	ICD CODES REV. 10	TOTAL INFANT DEATHS			MALE INFANT DEATHS				FEMALE INFANT DEATHS			
			DEATHS	PERCENT ¹	MORTALITY RATE	RANK	DEATHS	PERCENT ¹	MORTALITY RATE	RANK	DEATHS	PERCENT ¹	MORTALITY RATE
	All Causes	A00-Y89	2,787	100.0	538.0		1,530	100.0	577.6		1,257	100.0	496.5
1	Congenital Malformations, Deformations and Chromosomal Abnormalities	Q00-Q99	676	24.3	130.5	1	352	23.0	132.9	1	324	25.8	128.0
2	Disorders of Short Gestation and Low Birthweight	P07	386	13.9	74.5	2	213	13.9	80.4	2	173	13.8	68.3
3	Sudden Infant Death Syndrome	R95	237	8.5	45.7	3	130	8.5	49.1	3	107	8.5	42.3
4	Respiratory Distress of Newborn	P22	91	3.3	17.6	4	59	3.9	22.3	7	32	2.5	12.6
5	Complications of Placenta, Cord and Membrane	P02	88	3.2	17.0	6	48	3.1	18.1	5	40	3.2	15.8
6	Neonatal Hemorrhage	P50-P52, P54	87	3.1	16.8	5	57	3.7	21.5	8	30	2.4	11.8
7	Effect of Maternal Complications of Pregnancy	P01	85	3.0	16.4	10	35	2.3	13.2	4	50	4.0	19.7
8	Diseases of Circulatory System	I00-I99	68	2.4	13.1	11	31	2.0	11.7	6	37	2.9	14.6
9	Intrauterine Hypoxia & Birth Asphyxia	P20-P21	62	2.2	12.0	9	36	2.4	13.6	9	26	2.1	10.3
9	Accidents	V01-X59, Y85-Y86	62	2.2	12.0	7	43	2.8	16.2	11	19	1.5	7.5
11	Bacterial Sepsis of Newborn	P36	59	2.1	11.4	8	38	2.5	14.3	10	21	1.7	8.3
	All Other Causes	RESIDUAL	886	31.8			488	31.9			398	31.7	

¹ Percents are rounded independently and may not add to total.

Source: State of California, Department of Health Services, Birth and Death Record.

TABLE 4-6. NUMBER AND PERCENT OF INFANT DEATHS AND INFANT MORTALITY RATES FOR LEADING CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA, 1999 (By Place of Residence)
 (Infant mortality rates are per 100,000 live births in specified group. Infant mortality rates are based on race of child on the death certificate and race of mother on the birth certificate.)

TOTAL RANK	CAUSE OF DEATH	ICD CODES REV. 10	ASIAN/PACIFIC ISLANDER				BLACK				HISPANIC				WHITE			
			RANK	DEATHS	PERCENT ¹	MORTALITY RATE	RANK	DEATHS	PERCENT ¹	MORTALITY RATE	RANK	DEATHS	PERCENT ¹	MORTALITY RATE	RANK	DEATHS	PERCENT ¹	MORTALITY RATE
	All Causes	A00-Y89		212	100.0	371.6		439	100.0	1286.0		1,297	100.0	520.4		821	100.0	468.8
1	Congenital Malformations, Deformations, and Chromosomal Abnormalities	Q00-Q99	1	50	23.6	87.6	3	57	13.0	167.0	1	356	27.4	142.8	1	212	25.8	121.0
2	Disorders of Short Gestation and Low Birthweight	PO7	2	32	15.1	56.1	1	72	16.4	210.9	2	186	14.3	74.6	2	94	11.4	53.7
3	Sudden Infant Death Syndrome	R95	3	22	10.4	38.6	2	58	13.2	169.9	3	84	6.5	33.7	3	72	8.8	41.1
4	Respiratory Distress of Newborn	P22	7	6	2.8	10.5	4	17	3.9	49.8	5	39	3.0	15.6	5	29	3.5	16.6
5	Complications of Placenta, Cord, and Membrane	P02	7	6	2.8	10.5	6	16	3.6	46.9	9	30	2.3	12.0	4	32	3.9	18.3
6	Neonatal Hemorrhage	P50-P52, P54	5	7	3.3	12.3	9	9	2.1	26.4	4	41	3.2	16.4	5	29	3.5	16.6
7	Effect of Maternal Complications of Pregnancy	P01	5	7	3.3	12.3	4	17	3.9	49.8	6	38	2.9	15.2	7	23	2.8	13.1
8	Diseases of Circulatory System	I00-I99	4	9	4.2	15.8	8	10	2.3	29.3	10	28	2.2	11.2	8	21	2.6	12.0
9	Intrauterine Hypoxia & Birth Asphyxia	P20-P21	7	6	2.8	10.5	9	9	2.1	26.4		24	1.9	9.6	8	21	2.6	12.0
9	Accidents	V01-X59, Y85-Y86	10	5	2.4	8.8		8	1.8	23.4	8	32	2.5	12.8	10	17	2.1	9.7
11	Bacterial Sepsis of Newborn	P36		3	1.4	5.3	7	11	2.5	32.2	7	33	2.5	13.2		12	1.5	6.9
	All Other Causes	RESIDUAL		59	27.8			155	35.3			406	31.3			259	31.5	

¹ Percents are rounded and may not add to totals.

Note: Asian/Pacific Islander, Black, and White exclude Hispanic. Hispanic includes any race. White includes Other Races, Unknown Race, and Race Not Stated.

Source: State of California, Department of Health Services, Birth and Death Records.

TABLE 4-7. INFANT, NEONATAL, AND POSTNEONATAL DEATHS AND MORTALITY RATES FROM SELECTED CAUSES BY AGE, CALIFORNIA 1999 (By Place of Residence) - Cont.
(Infant mortality rates are per 100,000 live births)

ICD CODES (Rev. 10)	CAUSE OF DEATH	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
		NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹
A00-Y89	TOTAL, ALL CAUSES	2,787	538.0	100.0	1,843	355.7	100.0	944	182.2	100.0
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1,358	262.1	48.7	1,277	246.5	69.3	81	15.6	8.6
P00-P04	MATERNAL CONDITIONS	204	39.4	7.3	200	38.6	10.9	4	a	0.4
P00	NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	14	2.7	0.5	13	2.5	0.7	1	a	0.1
P01	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	85	16.4	3.0	85	16.4	4.6	-	-	-
P01.1	PREMATURE RUPTURE OF MEMBRANES,	55	10.6	2.0	55	10.6	3.0	-	-	-
P02	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	88	17.0	3.2	87	16.8	4.7	1	a	0.1
P03	NEWBORN AFFECTED BY COMPLICATIONS OF LABOUR AND DELIVERY	12	2.3	0.4	11	2.1	0.6	1	a	0.1
P04	OTHER	5	1.0	0.2	4	a	0.2	1	a	0.1
P05-P08	DISORDERS RELATED TO LENGTH OF GESTATION OR MALNUTRITION	390	75.3	14.0	382	73.7	20.7	8	1.5	0.8
P05	SLOW FETAL GROWTH AND FETAL MALNUTRITION	4	a	0.1	4	a	0.2	-	-	-
P07	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED									
	LOW BIRTH WEIGHT	386	74.5	13.9	378	73.0	20.5	8	1.5	0.8
P07.2	EXTREME IMMATUREITY	316	61.0	11.3	314	60.6	17.0	2	a	0.2
P10-P15	BIRTH TRAUMA	3	a	0.1	3	0.6	0.2	-	-	-
P20-P28	RESPIRATORY CONDITIONS ORIGINATING IN PERINATAL PERIOD	288	55.6	10.3	245	47.3	13.3	43	8.3	4.6
P20-P21	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	62	12.0	2.2	56	10.8	3.0	6	1.2	0.6
P22	RESPIRATORY DISTRESS OF NEWBORN	91	17.6	3.3	85	16.4	4.6	6	1.2	0.6
P23-P24	CONGENITAL PNEUMONIA & NEONATAL ASPIRATION SYNDROMES	23	4.4	0.8	19	3.7	1.0	4	a	0.4
P25	INTERSTITIAL EMPHYSEMA & RELATED CONDITIONS	27	5.2	1.0	26	5.0	1.4	1	a	0.1
P26	PULMONARY HEMORRHAGE	18	3.5	0.6	18	3.5	1.0	-	-	-
P27	CHRONIC RESPIRATORY DISEASE	28	5.4	1.0	2	a	0.1	26	5.0	2.8
P28	OTHER RESPIRATORY CONDITIONS	39	b	1.4	39	b	2.1	-	-	-
P29	CARDIOVASCULAR DISORDERS ORIGINATING IN PERINATAL PERIOD	214	41.3	7.7	212	40.9	11.5	2	a	0.2
P35-P39	PERINATAL INFECTIONS	70	13.5	2.5	56	10.8	3.0	14	2.7	1.5
P36	BACTERIAL SEPSIS OF NEWBORN	59	11.4	2.1	49	9.5	2.7	10	1.9	1.1
RESIDUAL	OTHER PERINATAL INFECTIONS	11	b	0.4	7	b	0.4	4	b	0.4
P50-P61	HEMORRHAGIC & HEMATOLOGICAL DISORDERS OF NEWBORN	99	19.1	3.6	96	18.5	5.2	3	a	0.3
P50-P52,P54	NEONATAL HEMORRHAGE	87	16.8	3.1	84	16.2	4.6	3	a	0.3
RESIDUAL	OTHER HEMORRHAGIC & HEMATOLOGICAL CONDITIONS	12	b	0.4	12	b	0.7	-	-	-
P75-P78	DIGESTIVE SYSTEM DISORDERS OF NEWBORN	24	4.6	0.9	22	4.2	1.2	2	a	0.2
P80-P83	CONDITIONS OF INTEGUMENT & TEMPERATURE REGULATION	24	4.6	0.9	21	4.1	1.1	3	a	0.3
RESIDUAL	OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	42	b	1.5	40	b	2.2	2	b	0.2
Q00-Q99	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	676	130.5	24.3	462	89.2	25.1	214	41.3	22.7
Q00-Q07	CONGENITAL MALFORMATIONS OF THE NERVOUS SYSTEM	76	14.7	2.7	61	11.8	3.3	15	2.9	1.6
Q00	ANENCEPHALUS AND SIMILAR MALFORMATIONS	42	8.1	1.5	41	7.9	2.2	1	a	0.1
Q20-Q28	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM	217	41.9	7.8	120	23.2	6.5	97	18.7	10.3
Q20-Q24	OF THE HEART	189	36.5	6.8	102	19.7	5.5	87	16.8	9.2
	OTHER	28	b	1.0	18	b	1.0	10	b	1.1
Q30-Q34	CONGENITAL MALFORMATIONS OF THE RESPIRATORY SYSTEM	118	22.8	4.2	105	20.3	5.7	13	2.5	1.4
Q33	OF THE LUNG	109	21.0	3.9	102	19.7	5.5	7	1.4	0.7
Q35-Q45	CONGENITAL MALFORMATIONS OF THE DIGESTIVE SYSTEM	13	2.5	0.5	2	a	0.1	11	2.1	1.2
Q50-Q64	CONGENITAL MALFORMATIONS OF THE GENITOURINARY SYSTEM	30	5.8	1.1	27	5.2	1.5	3	a	0.3
Q65-Q79	CONGENITAL MALFORMATIONS AND DEFORMATION OF MUSCULOSKELETAL SYSTEM	34	6.6	1.2	20	3.9	1.1	14	2.7	1.5
Q80-Q89	OTHER CONGENITAL MALFORMATIONS	57	b	2.0	41	b	2.2	16	b	1.7

TABLE 4-7. INFANT, NEONATAL, AND POSTNEONATAL DEATHS AND MORTALITY RATES FROM SELECTED CAUSES BY AGE, CALIFORNIA 1999 (By Place of Residence) - Cont.
(Infant mortality rates are per 100,000 live births)

ICD CODES (Rev. 10)	CAUSE OF DEATH	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
		NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹
Q90-Q99	CHROMOSOMAL ABNORMALITIES, N.E.C.	131	25.3	4.7	86	16.6	4.7	45	8.7	4.8
Q90	DOWN'S SYNDROME	18	3.5	0.6	11	2.1	0.6	7	1.4	0.7
Q91.0-Q91.3	EDWARD'S SYNDROME	63	12.2	2.3	37	7.1	2.0	26	5.0	2.8
Q91.4-Q91.7	PATAU'S SYNDROME	23	4.4	0.8	19	3.7	1.0	4	a	0.4
RESIDUAL	OTHER CHROMOSOMAL ABNORMALITIES	27	b	1.0	19	b	1.0	8	b	0.8
RESIDUAL	OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & ABNORMALITIES	34	b	1.2	20	b	1.1	14	b	1.5
	CAUSES NOT SPECIFIC TO PERINATAL PERIOD	753	145.3	27.0	104	20.1	5.6	649	125.3	68.8
A00-B99	CERTAIN INFECTIOUS & PARASITIC DISEASES	54	10.4	1.9	5	1.0	0.3	49	9.5	5.2
A40-A41	SEPTICEMIA	12	2.3	0.4	-	-	-	12	2.3	1.3
A80-B34	VIRAL DISEASES	22	4.2	0.8	2	a	0.1	20	3.9	2.1
C00-D48	NEOPLASMS	12	2.3	0.4	2	a	0.1	10	1.9	1.1
E00-E88	ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	22	4.2	0.8	9	1.7	0.5	13	2.5	1.4
G00-G98	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	40	7.7	1.4	4	a	0.2	36	6.9	3.8
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	68	13.1	2.4	20	3.9	1.1	48	9.3	5.1
I26-I28	PULMONARY HEART DISEASE	18	3.5	0.6	13	2.5	0.7	5	1.0	0.5
I42	CARDIOMYOPATHY	23	4.4	0.8	3	a	0.2	20	3.9	2.1
I60-I69	CEREBROVASCULAR DISEASES	11	2.1	0.4	-	-	-	11	2.1	1.2
RESIDUAL	OTHER DISEASES OF THE CIRCULATORY SYSTEM	16	b	0.6	4	b	0.2	12	b	1.3
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	71	13.7	2.5	8	1.5	0.4	63	12.2	6.7
J10-J18	INFLUENZA & PNEUMONIA	27	5.2	1.0	4	0.8	0.2	23	4.4	2.4
RESIDUAL	OTHER DISEASES OF THE RESPIRATORY SYSTEM	44	b	1.6	4	b	0.2	40	b	4.2
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	54	10.4	1.9	4	0.8	0.2	50	9.7	5.3
K29,K50-K55	GASTRITIS, DUODENITIS, & NONINFECTIVE ENTERITIS & COLITIS	30	5.8	1.1	2	a	0.1	28	5.4	3.0
K55	VASCULAR DISORDER OF INTESTINE	25	4.8	0.9	2	a	0.1	23	4.4	2.4
RESIDUAL	OTHER DISEASES OF THE DIGESTIVE SYSTEM	24	b	0.9	2	b	0.1	22	b	2.3
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	17	3.3	0.6	11	2.1	0.6	6	1.2	0.6
N17-N19	RENAL FAILURE	11	2.1	0.4	7	1.4	0.4	4	a	0.4
RESIDUAL	OTHER DISEASES OF THE GENITOURINARY SYSTEM	6	b	0.2	4	b	0.2	2	b	0.2
R00-R99	SYMPTOMS, SIGNS & ABNORMAL CLINICAL & LAB FINDINGS	306	59.1	11.0	26	5.0	1.4	280	54.0	29.7
R95	SUDDEN INFANT DEATH SYNDROME	237	45.7	8.5	16	3.1	0.9	221	42.7	23.4
RESIDUAL	OTHER SYMPTOMS, SIGNS & ABNORMAL FINDINGS	69	b	2.5	10	b	0.5	59	b	6.3
V01-Y89	EXTERNAL CAUSES OF MORTALITY	100	19.3	3.6	14	2.7	0.8	86	16.6	9.1
See footnote	ACCIDENTS	62	12.0	2.2	5	1.0	0.3	57	11.0	6.0
X85-Y09,Y87.1	ASSAULT (HOMICIDE)	30	5.8	1.1	8	1.5	0.4	22	4.2	2.3
RESIDUAL	OTHER EXTERNAL CAUSES	8	b	0.3	1	b	0.1	7	b	0.7
RESIDUAL	ALL OTHER CAUSES NOT SPECIFIC TO PERINATAL PERIOD	9	b	0.3	1	b	0.1	8	b	0.8

¹ Percents are rounded independently and may not add to totals.

a Rates are not calculated for fewer than five events.

b Rate are not computed for residual categories.

- Represents zero events.

Note: Neonatal deaths are those occurring during the first 27 days of life. Postneonatal deaths are those occurring between the 28th day and the end of the first year of life.

Source: State of California, Department of Health Services, Birth and Death Records.

TABLE 4-8. INFANT DEATHS BY MONTH OF DEATH, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Residence)

COUNTY	TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CALIFORNIA	2,787	233	247	236	254	217	228	242	235	199	243	218	235
ALAMEDA	109	10	10	8	8	4	7	14	5	7	12	12	12
Berkeley ¹	3	-	-	-	1	-	-	-	-	-	-	1	1
ALPINE	-	-	-	-	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTTE	7	1	-	1	-	-	1	-	-	-	-	1	3
CALAVERAS	1	-	-	-	-	-	1	-	-	-	-	-	-
COLUSA	2	-	-	1	-	-	-	-	-	1	-	-	-
CONTRA COSTA	66	6	4	7	9	3	10	5	3	2	4	7	6
DEL NORTE	1	1	-	-	-	-	-	-	-	-	-	-	-
EL DORADO	8	1	-	-	-	2	2	-	1	-	1	1	-
FRESNO	85	5	6	7	10	5	12	4	7	8	5	8	8
GLENN	1	-	-	-	-	-	-	-	-	-	1	-	-
HUMBOLDT	6	-	1	1	-	-	-	1	-	1	1	-	1
IMPERIAL	12	-	2	2	-	-	3	1	2	2	-	-	-
INYO	-	-	-	-	-	-	-	-	-	-	-	-	-
KERN	78	6	5	10	8	5	6	9	3	8	6	8	4
KINGS	16	1	-	1	3	3	-	-	-	2	1	5	-
LAKE	2	-	-	-	-	-	-	1	1	-	-	-	-
LASSEN	1	-	-	-	1	-	-	-	-	-	-	-	-
LOS ANGELES	841	67	85	63	61	66	61	78	67	70	78	70	75
Long Beach ¹	52	4	4	4	4	5	5	3	6	5	2	4	6
Pasadena ¹	17	1	4	1	2	3	2	-	1	2	1	-	-
MADERA	10	-	-	-	1	-	2	-	2	2	2	-	1
MARIN	7	-	-	2	3	-	-	1	1	-	-	-	-
MARIPOSA	2	-	-	-	-	-	-	1	1	-	-	-	-
MENDOCINO	4	1	-	1	1	-	1	-	-	-	-	-	-
MERCED	24	4	4	1	-	1	1	1	1	1	1	4	5
MODOC	1	-	1	-	-	-	-	-	-	-	-	-	-
MONO	1	-	-	-	1	-	-	-	-	-	-	-	-
MONTEREY	32	3	9	4	3	5	3	-	-	2	1	-	2
NAPA	2	1	-	-	-	-	-	1	-	-	-	-	-
NEVADA	3	1	1	-	-	-	-	-	1	-	-	-	-
ORANGE	204	15	19	16	13	11	25	23	10	12	27	9	24
PLACER	18	-	3	1	2	1	5	2	2	1	1	-	-
PLUMAS	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVERSIDE	160	17	9	12	18	16	3	7	21	12	15	9	21
SACRAMENTO	110	7	13	8	8	11	12	7	14	9	12	6	3
SAN BENITO	2	-	-	-	-	1	-	-	-	-	1	-	-
SAN BERNARDINO	215	17	15	20	20	22	15	14	25	14	18	18	17
SAN DIEGO	225	19	19	15	26	20	15	29	21	12	15	20	14
SAN FRANCISCO	31	2	4	2	1	3	2	4	5	2	1	3	2
SAN JOAQUIN	41	1	5	4	5	3	3	5	3	1	3	3	5
SAN LUIS OBISPO	7	-	-	1	-	2	-	1	-	2	1	-	-
SAN MATEO	36	2	4	6	4	3	3	4	2	-	3	2	3
SANTA BARBARA	26	5	1	-	1	5	2	2	2	1	3	2	2
SANTA CLARA	127	10	7	18	15	8	14	7	11	7	12	11	7
SANTA CRUZ	17	1	1	1	1	2	2	4	-	1	1	1	2
SHASTA	11	2	1	-	3	1	1	-	-	1	1	1	-
SIERRA	-	-	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	1	-	-	-	-	-	-	-	-	1	-	-	-
SOLANO	31	9	2	2	4	1	1	1	2	4	-	3	2
SONOMA	32	3	2	2	3	2	4	-	4	3	2	2	5
STANISLAUS	50	4	6	4	7	2	3	2	7	3	9	2	1
SUTTER	4	1	1	-	-	-	-	-	-	-	1	-	1
TEHAMA	6	1	1	-	1	1	-	1	-	-	1	-	-
TRINITY	3	1	1	-	-	-	-	-	-	1	-	-	-
TULARE	34	3	1	8	5	2	3	3	2	3	2	2	-
TUOLUMNE	2	-	-	-	-	-	1	-	1	-	-	-	-
VENTURA	57	4	2	6	6	6	3	7	4	3	1	8	7
YOLO	8	1	-	-	1	-	-	1	3	-	-	-	2
YUBA	7	-	2	1	1	-	1	1	1	-	-	-	-

- Represents zero events.

¹ City Health Department numbers are included in their respective county totals.

Source: State of California, Department of Health Services, Death Records.

TABLE 4-9. INFANT DEATHS BY MONTH OF DEATH, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1999 (By Place of Occurrence)

COUNTY	TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CALIFORNIA	2,818	236	250	239	256	219	230	245	238	200	245	221	239
ALAMEDA	136	12	9	9	13	3	10	17	6	10	14	17	16
Berkeley ¹	27	1	2	1	4	-	6	3	-	1	3	4	2
ALPINE	-	-	-	-	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTTE	4	1	-	1	-	-	-	-	-	-	-	1	1
CALAVERAS	-	-	-	-	-	-	-	-	-	-	-	-	-
COLUSA	-	-	-	-	-	-	-	-	-	-	-	-	-
CONTRA COSTA	39	3	4	6	5	3	4	3	1	1	2	4	3
DEL NORTE	1	1	-	-	-	-	-	-	-	-	-	-	-
EL DORADO	2	-	-	-	1	-	-	-	1	-	-	-	-
FRESNO	48	3	1	4	8	4	6	2	6	4	1	7	2
GLENN	-	-	-	-	-	-	-	-	-	-	-	-	-
HUMBOLDT	3	-	1	1	-	-	-	-	-	-	1	-	-
IMPERIAL	7	-	2	2	-	-	-	-	1	2	-	-	-
INYO	-	-	-	-	-	-	-	-	-	-	-	-	-
KERN	66	6	5	11	7	4	2	7	3	5	7	6	3
KINGS	12	-	-	1	2	2	-	-	-	1	1	5	-
LAKE	1	-	-	-	-	-	-	-	1	-	-	-	-
LASSEN	1	-	-	-	1	-	-	-	-	-	-	-	-
LOS ANGELES	903	73	87	64	67	71	70	85	74	72	81	73	86
Long Beach ¹	85	9	6	3	10	6	5	6	10	9	7	6	8
Pasadena ¹	32	3	8	1	2	4	2	1	2	5	3	-	1
MADERA	73	6	5	7	7	2	9	4	5	12	6	2	8
MARIN	3	-	-	1	1	-	-	-	1	-	-	-	-
MARIPOSA	1	-	-	-	-	-	-	1	-	-	-	-	-
MENDOCINO	4	1	-	1	1	-	1	-	-	-	-	-	-
MERCED	10	1	3	-	-	-	-	1	-	-	-	3	2
MODOC	-	-	-	-	-	-	-	-	-	-	-	-	-
MONO	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTEREY	15	2	6	2	1	1	1	-	-	1	-	-	1
NAPA	1	1	-	-	-	-	-	-	-	-	-	-	-
NEVADA	5	1	1	-	-	-	-	-	3	-	-	-	-
ORANGE	195	15	18	18	10	10	25	21	10	13	25	10	20
PLACER	8	-	2	1	1	-	1	2	-	1	-	-	-
PLUMAS	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVERSIDE	106	9	6	11	8	8	3	8	17	8	10	4	14
SACRAMENTO	157	11	16	11	14	12	21	9	19	13	17	7	7
SAN BENITO	2	-	-	-	-	1	-	-	-	-	1	-	-
SAN BERNARDINO	241	25	16	17	30	26	13	8	25	17	21	23	20
SAN DIEGO	237	19	22	18	27	19	17	30	22	13	16	19	15
SAN FRANCISCO	120	6	13	8	12	13	13	14	11	3	6	10	11
SAN JOAQUIN	23	1	4	2	3	2	3	2	-	1	1	1	3
SAN LUIS OBISPO	11	2	-	1	-	2	-	2	1	1	2	-	-
SAN MATEO	6	1	1	2	-	1	-	-	-	-	-	-	1
SANTA BARBARA	22	2	1	-	-	5	2	1	1	1	3	3	3
SANTA CLARA	177	11	12	23	20	16	15	15	15	10	15	14	11
SANTA CRUZ	7	1	1	-	-	1	2	2	-	-	-	-	-
SHASTA	9	2	1	-	2	1	-	-	-	1	1	1	-
SIERRA	-	-	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	1	-	-	-	-	-	-	-	-	1	-	-	-
SOLANO	22	10	2	1	1	1	2	-	2	1	1	1	-
SONOMA	18	2	2	1	1	1	2	-	1	2	2	-	4
STANISLAUS	50	4	4	4	7	3	3	3	5	3	10	2	2
SUTTER	-	-	-	-	-	-	-	-	-	-	-	-	-
TEHAMA	2	-	-	-	-	1	-	1	-	-	-	-	-
TRINITY	1	-	1	-	-	-	-	-	-	-	-	-	-
TULARE	14	1	1	4	2	1	1	-	2	1	-	1	-
TUOLUMNE	1	-	-	-	-	-	1	-	-	-	-	-	-
VENTURA	47	2	2	6	4	5	3	7	3	2	1	7	5
YOLO	5	1	-	1	-	-	-	-	2	-	-	-	1
YUBA	1	-	1	-	-	-	-	-	-	-	-	-	-

- Represents zero events.

¹ City Health Department numbers are included in their respective county totals.

Source: State of California, Department of Health Services, Death Records.

TABLE 4-10. INFANT, NEONATAL AND POSTNEONATAL DEATHS BY SEX OF CHILD AND RACE/ETHNICITY OF MOTHER, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY AND RACE/ETHNICITY	INFANT			NEONATAL ¹			POSTNEONATAL ²		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CALIFORNIA	2,787	1,530	1,257	1,843	995	848	944	535	409
AMERICAN INDIAN	13	6	7	7	3	4	6	3	3
ASIAN/PACIFIC ISLANDER	212	119	93	130	73	57	82	46	36
BLACK	439	227	212	273	137	136	166	90	76
HISPANIC	1,297	720	577	877	477	400	420	243	177
WHITE/OTHER RACES	821	456	365	551	303	248	270	153	117
UNKNOWN	5	2	3	5	2	3	-	-	-
ALAMEDA	109	61	48	70	38	32	39	23	16
ASIAN/PACIFIC ISLANDER	18	10	8	13	7	6	5	3	2
BLACK	41	20	21	29	14	15	12	6	6
HISPANIC	26	17	9	12	7	5	14	10	4
WHITE/OTHER RACES	24	14	10	16	10	6	8	4	4
ALPINE	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	-	-	-	-	-	-
BUTTE	7	4	3	6	3	3	1	1	-
AMERICAN INDIAN	2	-	2	2	-	2	-	-	-
ASIAN/PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
HISPANIC	2	2	-	2	2	-	-	-	-
WHITE/OTHER RACES	2	1	1	2	1	1	-	-	-
CALAVERAS	1	-	1	-	-	-	1	-	1
AMERICAN INDIAN	1	-	1	-	-	-	1	-	1
COLUSA	2	-	2	2	-	2	-	-	-
HISPANIC	1	-	1	1	-	1	-	-	-
WHITE/OTHER RACES	1	-	1	1	-	1	-	-	-
CONTRA COSTA	66	30	36	43	18	25	23	12	11
ASIAN/PACIFIC ISLANDER	9	5	4	6	2	4	3	3	-
BLACK	16	9	7	10	5	5	6	4	2
HISPANIC	20	10	10	15	9	6	5	1	4
WHITE/OTHER RACES	21	6	15	12	2	10	9	4	5
DEL NORTE	1	1	-	-	-	-	1	1	-
WHITE/OTHER RACES	1	1	-	-	-	-	1	1	-
EL DORADO	8	5	3	6	4	2	2	1	1
ASIAN/PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
WHITE/OTHER RACES	7	4	3	5	3	2	2	1	1
FRESNO	85	57	28	61	41	20	24	16	8
ASIAN/PACIFIC ISLANDER	7	7	-	7	7	-	-	-	-
BLACK	11	7	4	8	6	2	3	1	2
HISPANIC	40	25	15	29	18	11	11	7	4
WHITE/OTHER RACES	27	18	9	17	10	7	10	8	2
GLENN	1	1	-	-	-	-	1	1	-
WHITE/OTHER RACES	1	1	-	-	-	-	1	1	-
HUMBOLDT	6	3	3	4	2	2	2	1	1
HISPANIC	1	1	-	-	-	-	1	1	-
WHITE/OTHER RACES	5	2	3	4	2	2	1	-	1
IMPERIAL	12	9	3	6	5	1	6	4	2
BLACK	1	1	-	-	-	-	1	1	-
HISPANIC	11	8	3	6	5	1	5	3	2
INYO	-	-	-	-	-	-	-	-	-
KERN	78	35	43	48	20	28	30	15	15
AMERICAN INDIAN	1	-	1	1	-	1	-	-	-
ASIAN/PACIFIC ISLANDER	3	-	3	1	-	1	2	-	2
BLACK	22	6	16	12	2	10	10	4	6
HISPANIC	29	17	12	20	11	9	9	6	3
WHITE/OTHER RACES	23	12	11	14	7	7	9	5	4
KINGS	16	8	8	7	3	4	9	5	4
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
BLACK	3	3	-	-	-	-	3	3	-
HISPANIC	8	2	6	5	2	3	3	-	3
WHITE/OTHER RACES	4	2	2	2	1	1	2	1	1
LAKE	2	2	-	-	-	-	2	2	-
BLACK	1	1	-	-	-	-	1	1	-
HISPANIC	1	1	-	-	-	-	1	1	-

TABLE 4-10. INFANT, NEONATAL AND POSTNEONATAL DEATHS BY SEX OF CHILD AND RACE/ETHNICITY OF MOTHER, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY AND RACE/ETHNICITY	INFANT			NEONATAL ¹			POSTNEONATAL ²		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
LASSEN	1	-	1	-	-	-	1	-	1
WHITE/OTHER RACES	1	-	1	-	-	-	1	-	1
LOS ANGELES	841	465	376	561	308	253	280	157	123
AMERICAN INDIAN	2	2	-	2	2	-	-	-	-
ASIAN/PACIFIC ISLANDER	56	32	24	38	22	16	18	10	8
BLACK	144	68	76	89	41	48	55	27	28
HISPANIC	485	274	211	328	185	143	157	89	68
WHITE/OTHER RACES	153	88	65	103	57	46	50	31	19
UNKNOWN	1	1	-	1	1	-	-	-	-
MADERA	10	4	6	6	-	6	4	4	-
HISPANIC	9	4	5	5	-	5	4	4	-
WHITE/OTHER RACES	1	-	1	1	-	1	-	-	-
MARIN	7	5	2	4	3	1	3	2	1
ASIAN/PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
BLACK	2	-	2	1	-	1	1	-	1
WHITE/OTHER RACES	4	4	-	3	3	-	1	1	-
MARIPOSA	2	-	2	1	-	1	1	-	1
WHITE/OTHER RACES	2	-	2	1	-	1	1	-	1
MENDOCINO	4	2	2	2	1	1	2	1	1
AMERICAN INDIAN	2	1	1	-	-	-	2	1	1
HISPANIC	2	1	1	2	1	1	-	-	-
MERCED	24	10	14	8	4	4	16	6	10
ASIAN/PACIFIC ISLANDER	3	-	3	1	-	1	2	-	2
BLACK	1	-	1	-	-	-	1	-	1
HISPANIC	14	6	8	5	2	3	9	4	5
WHITE/OTHER RACES	6	4	2	2	2	-	4	2	2
MODOC	1	1	-	1	1	-	-	-	-
WHITE/OTHER RACES	1	1	-	1	1	-	-	-	-
MONO	1	-	1	1	-	1	-	-	-
WHITE/OTHER RACES	1	-	1	1	-	1	-	-	-
MONTEREY	32	22	10	23	17	6	9	5	4
ASIAN/PACIFIC ISLANDER	1	-	1	-	-	-	1	-	1
HISPANIC	15	9	6	10	6	4	5	3	2
WHITE/OTHER RACES	16	13	3	13	11	2	3	2	1
NAPA	2	1	1	1	1	-	1	-	1
HISPANIC	2	1	1	1	1	-	1	-	1
NEVADA	3	2	1	1	1	-	2	1	1
WHITE/OTHER RACES	3	2	1	1	1	-	2	1	1
ORANGE	204	100	104	140	64	76	64	36	28
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
ASIAN/PACIFIC ISLANDER	23	12	11	14	4	10	9	8	1
BLACK	7	4	3	5	2	3	2	2	-
HISPANIC	121	61	60	83	42	41	38	19	19
WHITE/OTHER RACES	52	22	30	37	15	22	15	7	8
PLACER	18	9	9	10	6	4	8	3	5
BLACK	2	1	1	1	1	-	1	-	1
HISPANIC	4	2	2	3	1	2	1	1	-
WHITE/OTHER RACES	12	6	6	6	4	2	6	2	4
PLUMAS	-	-	-	-	-	-	-	-	-
RIVERSIDE	160	98	62	103	63	40	57	35	22
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
ASIAN/PACIFIC ISLANDER	4	2	2	1	1	-	3	1	2
BLACK	29	15	14	19	8	11	10	7	3
HISPANIC	70	46	24	44	28	16	26	18	8
WHITE/OTHER RACES	56	34	22	39	26	13	17	8	9
SACRAMENTO	110	68	42	61	37	24	49	31	18
ASIAN/PACIFIC ISLANDER	8	5	3	4	3	1	4	2	2
BLACK	37	25	12	20	14	6	17	11	6
HISPANIC	22	10	12	13	6	7	9	4	5
WHITE/OTHER RACES	43	28	15	24	14	10	19	14	5
SAN BENITO	2	1	1	1	-	1	1	1	-
ASIAN/PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
HISPANIC	1	-	1	1	-	1	-	-	-

TABLE 4-10. INFANT, NEONATAL AND POSTNEONATAL DEATHS BY SEX OF CHILD AND RACE/ETHNICITY OF MOTHER, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY AND RACE/ETHNICITY	INFANT			NEONATAL ¹			POSTNEONATAL ²		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SAN BERNARDINO	215	120	95	139	80	59	76	40	36
AMERICAN INDIAN	1	-	1	-	-	-	1	-	1
ASIAN/PACIFIC ISLANDER	8	6	2	3	3	-	5	3	2
BLACK	51	25	26	30	15	15	21	10	11
HISPANIC	100	55	45	67	37	30	33	18	15
WHITE/OTHER RACES	55	34	21	39	25	14	16	9	7
SAN DIEGO	225	120	105	162	81	81	63	39	24
ASIAN/PACIFIC ISLANDER	12	6	6	7	5	2	5	1	4
BLACK	29	17	12	21	12	9	8	5	3
HISPANIC	92	48	44	65	29	36	27	19	8
WHITE/OTHER RACES	88	48	40	65	34	31	23	14	9
UNKNOWN	4	1	3	4	1	3	-	-	-
SAN FRANCISCO	31	20	11	17	9	8	14	11	3
ASIAN/PACIFIC ISLANDER	6	4	2	2	1	1	4	3	1
BLACK	10	7	3	5	3	2	5	4	1
HISPANIC	4	3	1	3	2	1	1	1	-
WHITE/OTHER RACES	11	6	5	7	3	4	4	3	1
SAN JOAQUIN	41	24	17	26	17	9	15	7	8
ASIAN/PACIFIC ISLANDER	6	4	2	3	2	1	3	2	1
BLACK	8	6	2	7	6	1	1	-	1
HISPANIC	14	5	9	9	3	6	5	2	3
WHITE/OTHER RACES	13	9	4	7	6	1	6	3	3
SAN LUIS OBISPO	7	3	4	2	2	-	5	1	4
HISPANIC	2	2	-	2	2	-	-	-	-
WHITE/OTHER RACES	5	1	4	-	-	-	5	1	4
SAN MATEO	36	16	20	27	13	14	9	3	6
ASIAN/PACIFIC ISLANDER	9	6	3	6	5	1	3	1	2
BLACK	2	-	2	2	-	2	-	-	-
HISPANIC	18	8	10	15	6	9	3	2	1
WHITE/OTHER RACES	7	2	5	4	2	2	3	-	3
SANTA BARBARA	26	15	11	18	9	9	8	6	2
BLACK	1	1	-	-	-	-	1	1	-
HISPANIC	14	9	5	11	7	4	3	2	1
WHITE/OTHER RACES	11	5	6	7	2	5	4	3	1
SANTA CLARA	127	62	65	87	38	49	40	24	16
ASIAN/PACIFIC ISLANDER	29	12	17	21	8	13	8	4	4
BLACK	3	1	2	3	1	2	-	-	-
HISPANIC	57	31	26	36	17	19	21	14	7
WHITE/OTHER RACES	38	18	20	27	12	15	11	6	5
SANTA CRUZ	17	12	5	16	11	5	1	1	-
BLACK	1	-	1	1	-	1	-	-	-
HISPANIC	9	8	1	9	8	1	-	-	-
WHITE/OTHER RACES	7	4	3	6	3	3	1	1	-
SHASTA	11	5	6	6	3	3	5	2	3
HISPANIC	1	1	-	-	-	-	1	1	-
WHITE/OTHER RACES	10	4	6	6	3	3	4	1	3
SIERRA	-	-	-	-	-	-	-	-	-
SISKIYOU	1	1	-	-	-	-	1	1	-
WHITE/OTHER RACES	1	1	-	-	-	-	1	1	-
SOLANO	31	16	15	17	9	8	14	7	7
ASIAN/PACIFIC ISLANDER	4	2	2	1	1	-	3	1	2
BLACK	10	5	5	6	4	2	4	1	3
HISPANIC	8	3	5	6	2	4	2	1	1
WHITE/OTHER RACES	9	6	3	4	2	2	5	4	1
SONOMA	32	19	13	20	10	10	12	9	3
ASIAN/PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
BLACK	1	1	-	-	-	-	1	1	-
HISPANIC	9	6	3	5	2	3	4	4	-
WHITE/OTHER RACES	21	11	10	14	7	7	7	4	3
STANISLAUS	50	19	31	38	14	24	12	5	7
AMERICAN INDIAN	1	-	1	1	-	1	-	-	-
BLACK	3	2	1	1	1	-	2	1	1
HISPANIC	20	5	15	17	5	12	3	-	3
WHITE/OTHER RACES	26	12	14	19	8	11	7	4	3
SUTTER	4	2	2	3	2	1	1	-	1
HISPANIC	2	1	1	2	1	1	-	-	-
WHITE/OTHER RACES	2	1	1	1	1	-	1	-	1

TABLE 4-10. INFANT, NEONATAL AND POSTNEONATAL DEATHS BY SEX OF CHILD AND RACE/ETHNICITY OF MOTHER, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY AND RACE/ETHNICITY	INFANT			NEONATAL ¹			POSTNEONATAL ²		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TEHAMA	6	5	1	5	5	-	1	-	1
HISPANIC	1	1	-	1	1	-	-	-	-
WHITE/OTHER RACES	5	4	1	4	4	-	1	-	1
TRINITY	3	2	1	1	1	-	2	1	1
HISPANIC	2	1	1	1	1	-	1	-	1
WHITE/OTHER RACES	1	1	-	-	-	-	1	1	-
TULARE	34	24	10	31	21	10	3	3	-
HISPANIC	20	15	5	18	13	5	2	2	-
WHITE/OTHER RACES	14	9	5	13	8	5	1	1	-
TUOLUMNE	2	1	1	-	-	1	1	1	-
ASIAN/PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
WHITE/OTHER RACES	1	-	1	1	-	1	-	-	-
VENTURA	57	31	26	40	24	16	17	7	10
BLACK	2	1	1	2	1	1	-	-	-
HISPANIC	34	17	17	23	13	10	11	4	7
WHITE/OTHER RACES	21	13	8	15	10	5	6	3	3
YOLO	8	5	3	5	3	2	3	2	1
BLACK	1	1	-	1	1	-	-	-	-
HISPANIC	3	2	1	-	-	-	3	2	1
WHITE/OTHER RACES	4	2	2	4	2	2	-	-	-
YUBA	7	4	3	5	3	2	2	1	1
HISPANIC	3	2	1	2	2	-	1	-	1
WHITE/OTHER RACES	4	2	2	3	1	2	1	1	-

- Represents zero events.

¹ Deaths occurring during the first 27 days of life.

² Deaths occurring between the 28th day and the end of the first year of life.

Note: American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

Source: State of California, Department of Health Services, Death Records.

TABLE 4-11. INFANT, NEONATAL AND POSTNEONATAL DEATHS BY SEX OF CHILD AND RACE OF MOTHER, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY AND RACE	INFANT			NEONATAL ¹			POSTNEONATAL ²		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
KERN	78	35	43	48	20	28	30	15	15
AMERICAN INDIAN	1	-	1	1	-	1	-	-	-
BLACK	22	6	16	12	2	10	10	4	6
CAMBODIAN	1	-	1	-	-	-	1	-	1
FILIPINO	2	-	2	1	-	1	1	-	1
WHITE	52	29	23	34	18	16	18	11	7
KINGS	16	8	8	7	3	4	9	5	4
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
BLACK	3	3	-	-	-	-	3	3	-
WHITE	12	4	8	7	3	4	5	1	4
LAKE	2	2	-	-	-	-	2	2	-
BLACK	1	1	-	-	-	-	1	1	-
OTHER	1	1	-	-	-	-	1	1	-
LASSEN	1	-	1	-	-	-	1	-	1
WHITE	1	-	1	-	-	-	1	-	1
LOS ANGELES	841	465	376	561	308	253	280	157	123
AMERICAN INDIAN	3	2	1	3	2	1	-	-	-
BLACK	148	69	79	90	42	48	58	27	31
CAMBODIAN	2	1	1	2	1	1	-	-	-
CHINESE	11	4	7	6	2	4	5	2	3
FILIPINO	16	11	5	14	10	4	2	1	1
INDIAN (INDIA)	5	3	2	5	3	2	-	-	-
JAPANESE	4	2	2	2	1	1	2	1	1
KOREAN	6	5	1	3	2	1	3	3	-
PACIFIC ISLANDER	5	3	2	2	1	1	3	2	1
THAI	1	1	-	-	-	-	1	1	-
VIETNAMESE	5	1	4	3	1	2	2	-	2
WHITE	633	361	272	429	241	188	204	120	84
OTHER ASIAN	1	1	-	1	1	-	-	-	-
NOT STATED	1	1	-	1	1	-	-	-	-
MADERA	10	4	6	6	-	6	4	4	-
WHITE	10	4	6	6	-	6	4	4	-
MARIN	7	5	2	4	3	1	3	2	1
BLACK	2	-	2	1	-	1	1	-	1
VIETNAMESE	1	1	-	-	-	-	1	1	-
WHITE	4	4	-	3	3	-	1	1	-
MARIPOSA	2	-	2	1	-	1	1	-	1
WHITE	2	-	2	1	-	1	1	-	1
MENDOCINO	4	2	2	2	1	1	2	1	1
AMERICAN INDIAN	2	1	1	-	-	-	2	1	1
WHITE	2	1	1	2	1	1	-	-	-
MERCED	24	10	14	8	4	4	16	6	10
BLACK	1	-	1	-	-	-	1	-	1
LAOTIAN	2	-	2	1	-	1	1	-	1
VIETNAMESE	1	-	1	-	-	-	1	-	1
WHITE	20	10	10	7	4	3	13	6	7
MODOC	1	1	-	1	1	-	-	-	-
WHITE	1	1	-	1	1	-	-	-	-
MONO	1	-	1	1	-	1	-	-	-
WHITE	1	-	1	1	-	1	-	-	-
MONTEREY	32	22	10	23	17	6	9	5	4
BLACK	1	1	-	-	-	-	1	1	-
CHINESE	1	-	1	-	-	-	1	-	1
WHITE	30	21	9	23	17	6	7	4	3
NAPA	2	1	1	1	1	-	1	-	1
WHITE	2	1	1	1	1	-	1	-	1
NEVADA	3	2	1	1	1	-	2	1	1
WHITE	3	2	1	1	1	-	2	1	1
ORANGE	204	100	104	140	64	76	64	36	28
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
BLACK	10	7	3	7	4	3	3	3	-
CAMBODIAN	3	2	1	1	-	1	2	2	-
CHINESE	1	1	-	1	1	-	-	-	-
FILIPINO	3	2	1	2	1	1	1	1	-
INDIAN (INDIA)	1	-	1	1	-	1	-	-	-
KOREAN	1	-	1	1	-	1	-	-	-
PACIFIC ISLANDER	6	4	2	3	2	1	3	2	1
VIETNAMESE	11	6	5	5	1	4	6	5	1
WHITE	166	77	89	117	54	63	49	23	26
OTHER ASIAN	1	-	1	1	-	1	-	-	-

TABLE 4-11. INFANT, NEONATAL AND POSTNEONATAL DEATHS BY SEX OF CHILD AND RACE OF MOTHER, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY AND RACE	INFANT			NEONATAL ¹			POSTNEONATAL ²		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
PLACER	18	9	9	10	6	4	8	3	5
BLACK	2	1	1	1	1	-	1	-	1
WHITE	16	8	8	9	5	4	7	3	4
PLUMAS	-	-	-	-	-	-	-	-	-
RIVERSIDE	160	98	62	103	63	40	57	35	22
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
BLACK	29	15	14	19	8	11	10	7	3
CHINESE	1	-	1	-	-	-	1	-	1
FILIPINO	2	1	1	-	-	-	2	1	1
LAOTIAN	1	1	-	1	1	-	-	-	-
WHITE	126	80	46	83	54	29	43	26	17
SACRAMENTO	110	68	42	61	37	24	49	31	18
BLACK	39	26	13	20	14	6	19	12	7
CHINESE	1	-	1	-	-	-	1	-	1
INDIAN (INDIA)	1	1	-	-	-	-	1	1	-
LAOTIAN	4	3	1	4	3	1	-	-	-
WHITE	63	37	26	37	20	17	26	17	9
OTHER ASIAN	2	1	1	-	-	-	2	1	1
SAN BENITO	2	1	1	1	-	1	1	1	-
WHITE	1	-	1	1	-	1	-	-	-
OTHER ASIAN	1	1	-	-	-	-	1	1	-
SAN BERNARDINO	215	120	95	139	80	59	76	40	36
AMERICAN INDIAN	1	-	1	-	-	-	1	-	1
BLACK	51	25	26	30	15	15	21	10	11
FILIPINO	2	2	-	1	1	-	1	1	-
INDIAN (INDIA)	1	1	-	1	1	-	-	-	-
PACIFIC ISLANDER	1	-	1	-	-	-	1	-	1
VIETNAMESE	1	1	-	-	-	-	1	1	-
WHITE	155	89	66	106	62	44	49	27	22
OTHER ASIAN	3	2	1	1	1	-	2	1	1
SAN DIEGO	225	120	105	162	81	81	55	39	24
BLACK	34	20	14	25	14	11	9	6	3
CHINESE	1	-	1	-	-	-	1	-	1
FILIPINO	8	4	4	5	3	2	3	1	2
PACIFIC ISLANDER	1	-	1	-	-	-	1	-	1
VIETNAMESE	1	1	-	1	1	-	-	-	-
WHITE	175	93	82	126	61	65	41	32	17
OTHER ASIAN	1	1	-	1	1	-	-	-	-
NOT STATED	4	1	3	4	1	3	-	-	-
SAN FRANCISCO	31	20	11	17	9	8	14	11	3
BLACK	10	7	3	5	3	2	5	4	1
CHINESE	3	1	2	1	-	1	2	1	1
FILIPINO	2	2	-	1	1	-	1	1	-
PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
WHITE	15	9	6	10	5	5	5	4	1
SAN JOAQUIN	41	24	17	26	17	9	15	7	8
BLACK	8	6	2	7	6	1	1	-	1
CAMBODIAN	1	-	1	1	-	1	-	-	-
FILIPINO	2	2	-	1	1	-	1	1	-
JAPANESE	1	1	-	1	1	-	-	-	-
WHITE	27	14	13	16	9	7	11	5	6
OTHER ASIAN	2	1	1	-	-	-	2	1	1
SAN LUIS OBISPO	7	3	4	2	2	-	5	1	4
WHITE	7	3	4	2	2	-	5	1	4
SAN MATEO	36	16	20	27	13	14	9	3	6
BLACK	2	-	2	2	-	2	-	-	-
CHINESE	1	1	-	1	1	-	-	-	-
FILIPINO	4	1	3	2	1	1	2	-	2
INDIAN (INDIA)	1	1	-	1	1	-	-	-	-
PACIFIC ISLANDER	3	3	-	2	2	-	1	1	-
WHITE	24	9	15	18	7	11	6	2	4
OTHER	1	1	-	1	1	-	-	-	-
SANTA BARBARA	26	15	11	18	9	9	8	6	2
BLACK	1	1	-	-	-	-	1	1	-
WHITE	25	14	11	18	9	9	7	5	2
SANTA CLARA	127	62	65	87	38	49	40	24	16
BLACK	3	1	2	3	1	2	-	-	-
CHINESE	5	2	3	5	2	3	-	-	-
FILIPINO	7	2	5	4	1	3	3	1	2
INDIAN (INDIA)	4	1	3	3	-	3	1	1	-
JAPANESE	2	-	2	2	-	2	-	-	-
KOREAN	1	1	-	-	-	-	1	1	-
VIETNAMESE	11	6	5	8	5	3	3	1	2
WHITE	94	49	45	62	29	33	32	20	12

TABLE 4-11. INFANT, NEONATAL AND POSTNEONATAL DEATHS BY SEX OF CHILD AND RACE OF MOTHER, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY AND RACE	INFANT			NEONATAL ¹			POSTNEONATAL ²		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SANTA CRUZ	17	12	5	16	11	5	1	1	-
BLACK	1	-	1	1	-	1	-	-	-
WHITE	16	12	4	15	11	4	1	1	-
SHASTA	11	5	6	6	3	3	5	2	3
WHITE	11	5	6	6	3	3	5	2	3
SIERRA	-	-	-	-	-	-	-	-	-
SISKIYOU	1	1	-	-	-	-	1	1	-
WHITE	1	1	-	-	-	-	1	1	-
SOLANO	31	16	15	17	9	8	14	7	7
AMERICAN INDIAN	2	1	1	2	1	1	-	-	-
BLACK	10	5	5	6	4	2	4	1	3
FILIPINO	1	-	1	-	-	-	1	-	1
INDIAN (INDIA)	2	1	1	1	1	-	1	-	1
PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
WHITE	15	8	7	8	3	5	7	5	2
SONOMA	32	19	13	20	10	10	12	9	3
BLACK	1	1	-	-	-	-	1	1	-
CHINESE	1	1	-	1	1	-	-	-	-
WHITE	30	17	13	19	9	10	11	8	3
STANISLAUS	50	19	31	38	14	24	12	5	7
AMERICAN INDIAN	1	-	1	1	-	1	-	-	-
BLACK	3	2	1	1	1	-	2	1	1
WHITE	46	17	29	36	13	23	10	4	6
SUTTER	4	2	2	3	2	1	1	-	1
WHITE	4	2	2	3	2	1	1	-	1
TEHAMA	6	5	1	5	5	-	1	-	1
WHITE	6	5	1	5	5	-	1	-	1
TRINITY	3	2	1	1	1	-	2	1	1
WHITE	3	2	1	1	1	-	2	1	1
TULARE	34	24	10	31	21	10	3	3	-
WHITE	34	24	10	31	21	10	3	3	-
TUOLUMNE	2	1	-	1	-	1	1	1	-
PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
WHITE	1	-	1	1	-	1	-	-	-
VENTURA	57	31	26	40	24	16	17	7	10
BLACK	3	2	1	3	2	1	-	-	-
WHITE	54	29	25	37	22	15	17	7	10
YOLO	8	5	3	5	3	2	3	2	1
BLACK	1	1	-	1	1	-	-	-	-
WHITE	7	4	3	4	2	2	3	2	1
YUBA	7	4	3	5	3	2	2	1	1
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
WHITE	6	3	3	4	2	2	2	1	1

- Represents zero events.

¹ Deaths occurring during the first 27 days of life.

² Deaths occurring between the 28th day and the end of the first year of life.

Source: State of California, Department of Health Services, Death Records

TABLE 4-12. LEADING CAUSES OF INFANT DEATH DISTRIBUTED BY COUNTY, CALIFORNIA COUNTIES, 1999 (By Place of Residence)

COUNTY	TOTAL INFANT DEATHS A00-Y89	LEADING CAUSES OF INFANT DEATH						
		Congenital malformations, deformations, & chromo- somal abnormalities	Disorders of short gestation & low birthweight	Sudden infant death syndrome	Respiratory distress of newborn	Complications of placenta, cord, & membrane	Neonatal Hemorrhage	Effect of Maternal Complications of Pregnancy
		Q00-Q99	P07	R95	P22	P02	P50-P52, P54	P01
CALIFORNIA	2,787	676	386	237	91	88	87	85
ALAMEDA	109	27	12	9	5	1	7	4
ALPINE	-	-	-	-	-	-	-	-
AMADOR	-	-	-	-	-	-	-	-
BUTTE	7	3	-	1	-	-	1	-
CALAVERAS	1	-	-	-	-	-	-	-
COLUSA	2	-	-	-	-	-	-	-
CONTRA COSTA	66	15	5	6	4	1	2	1
DEL NORTE	1	1	-	-	-	-	-	-
EL DORADO	8	-	-	2	1	1	1	-
FRESNO	85	20	5	9	3	5	1	3
GLENN	1	-	-	-	-	-	-	-
HUMBOLDT	6	-	-	1	-	1	1	-
IMPERIAL	12	8	-	1	-	-	-	-
INYO	-	-	-	-	-	-	-	-
KERN	78	15	15	8	1	2	-	2
KINGS	16	1	-	6	2	1	-	1
LAKE	2	-	-	-	-	-	-	-
LASSEN	1	-	-	1	-	-	-	-
LOS ANGELES	841	194	158	46	23	19	26	20
MADERA	10	4	-	1	1	-	-	-
MARIN	7	-	2	1	-	-	-	-
MARIPOSA	2	1	1	-	-	-	-	-
MENDOCINO	4	-	-	2	-	-	-	-
MERCED	24	8	-	5	1	3	1	-
MODOC	1	-	1	-	-	-	-	-
MONO	1	1	-	-	-	-	-	-
MONTEREY	32	6	10	3	1	1	1	-
NAPA	2	1	-	-	-	-	-	-
NEVADA	3	-	-	1	1	-	-	-
ORANGE	204	58	23	12	7	5	10	5
PLACER	18	6	2	2	-	-	-	2
PLUMAS	-	-	-	-	-	-	-	-
RIVERSIDE	160	49	17	5	3	2	5	3
SACRAMENTO	110	23	10	17	7	3	2	4
SAN BENITO	2	1	-	-	-	-	-	-
SAN BERNARDINO	215	44	28	32	7	7	6	8
SAN DIEGO	225	63	20	17	4	15	9	13
SAN FRANCISCO	31	3	4	5	-	-	2	-
SAN JOAQUIN	41	13	2	4	1	1	1	1
SAN LUIS OBISPO	7	1	-	-	-	1	-	-
SAN MATEO	36	11	2	3	3	3	-	1
SANTA BARBARA	26	7	2	2	1	2	2	-
SANTA CLARA	127	26	28	11	6	2	1	6
SANTA CRUZ	17	9	2	-	1	1	-	1
SHASTA	11	4	-	-	-	1	-	-
SIERRA	-	-	-	-	-	-	-	-
SISKIYOU	1	1	-	-	-	-	-	-
SOLANO	31	4	5	9	-	1	-	2
SONOMA	32	5	2	3	1	3	-	1
STANISLAUS	50	14	10	3	2	3	4	1
SUTTER	4	2	-	1	-	-	-	-
TEHAMA	6	-	2	-	-	-	-	-
TRINITY	3	2	-	1	-	-	-	-
TULARE	34	8	8	-	2	-	2	2
TUOLUMNE	2	-	-	-	-	1	-	-
VENTURA	57	13	7	6	2	2	1	4
YOLO	8	1	3	1	-	-	1	-
YUBA	7	3	-	-	1	-	-	-

- Represents zero events.

Note: Alphanumeric codes in the header are from the International Classification of Diseases, Tenth Revision, 1998.

Source: State of California, Department of Health Services, Death records.

5. MORTALITY

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SUMMARY OF MORTALITY

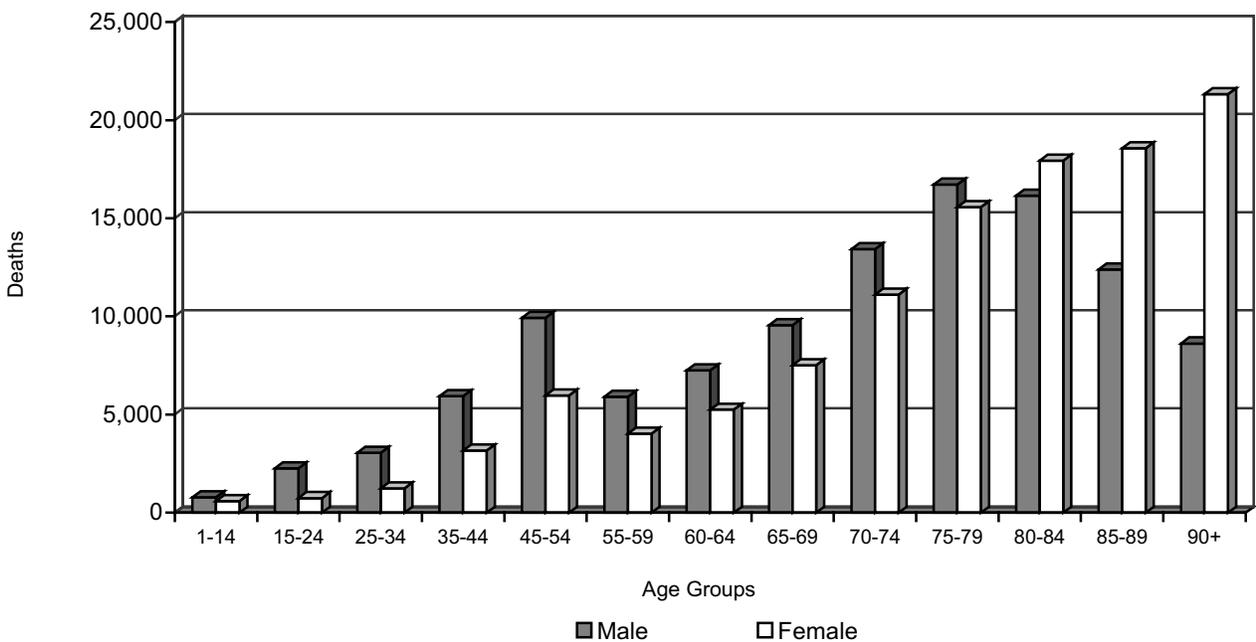
Note: The following causes of death were coded using the Tenth Revision of the International Classification of Diseases (ICD-Rev.10). Age-adjusted death rates were calculated using the Year 2000 standard million. Leading causes of death for 1990-1998 using ICD-Rev. 9 and age-adjusted rates using the 2000 standard million are available in Chapter 7. For further information on these changes see Chapter 6.

The number of deaths to California residents increased in 1999 by 2,515 to 227,965. During this period the number of male deaths decreased by 15 to 113,624 deaths, while the number of female deaths increased by 2,530 to 114,341 (Table 5-1).

The percentage of male deaths dropped from 50.4 percent in 1998 to 49.8 percent in 1999. The percentage of female deaths rose from 49.6 percent in 1998 to 50.2 percent in 1999. The total number of female deaths surpassed the total number of male deaths for the first time in 1999. The number of male deaths decreased in five of the last ten years, while female deaths increased in nine of the ten years.

The number of male deaths in California in 1999 continued to be greater than the number of female deaths in each age group from 1-14 years to 75-79 years old (Table 5-7). Male deaths exceeded female deaths for cancer, accidents, suicide, cirrhosis, and homicide. Female deaths exceeded male deaths for heart diseases, stroke, chronic lower respiratory diseases (CLRD), influenza and pneumonia, and diabetes. (Table 5-14).

Comparison of Deaths by Sex and Age, California 1999



In 1999 there were 772 deaths of American Indian residents, 0.3 percent of all deaths; 14,246 deaths of Asian/Pacific Islanders, 6.2 percent; 17,842 deaths of Black residents, 7.8 percent; 27,907 Hispanic deaths, 12.2 percent; and 167,094 deaths of White residents, 73.3 percent. The number of deaths in 1999 increased for Asian/Pacific Islander, Hispanic, Black, and White residents, 4.8, 3.4, 1.3, and 0.4 percent, respectively. The number of American Indian deaths decreased from 798 in 1998 (Table 5-2).

Among race groups that include residents of Hispanic origin in all race categories, 194,702 deaths in 1999 were White, 17,959 were Black, 4,122 were Chinese, 3,899 were Filipino, and 1,982 were Japanese. These five race groups comprised 97.7 percent of all deaths in 1999. There were 5,196 deaths in the eleven remaining race groups; race was not stated for 105 deaths (Table 5-3).

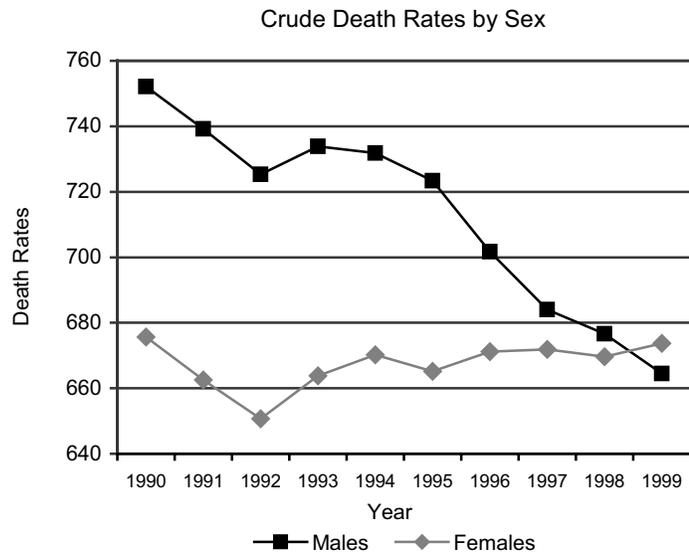
Crude Death Rates

(1999 rates were calculated using population projections released December 1998.)

The crude death rate for California residents in 1999 was 669.1, down from 673.1 deaths per 100,000 population in 1998. This rate compares to a rate of 713.9 in 1990 (Table 5-1).

In 1999 the crude death rate for males was 664.5 per 100,000 male population, down 1.8 percent from 676.6 in 1998 and down 11.6 percent from 752.1 in 1990. The female crude death rate was 673.7 in 1999, up 0.6 percent from 669.6 in 1998 and down 0.3 percent from 675.7 in 1990.

Note: Crude death rates compare the number of deaths to the population without considering the different age-specific rates of death. These rates should not be used to evaluate trends over time or to compare rates by sex or race/ethnic groups. The chart to the right shows that male deaths have declined rapidly from 1990 to 1999 and that female rates increased from a low in 1992. However, it fails to show the differences related to age groups. During this period there was a drop from high rates of death among young men, yet women continued to have lower age-specific death rates and more women survived to die at older ages.



Age-Specific Death Rates

(1999 rates were calculated using population projections released December 1998.)

The age-specific death rates for males in 1999 decreased from 1998 for all age groups, except ages 1-4 years where the increase was not statistically significant. The largest decreases were for males ages 5-14 years, down 12.4 percent; and ages 15-24 years, down 8.9 percent. The age-specific death rates for females decreased in 1999 for all age groups, except ages 45-54 years and 85 and over. The largest decrease in age-specific death rates for females was for ages 15-24 years, down 5.4 percent (Table 5-5).

Male age-specific death rates were higher than the female age-specific death rates for all five-year age groups in 1999. The largest differences by gender were for residents in the age groups 15-19, 20-24, and 25-29. Males ages 15-19 and 20-24 were 2.5 and 3.0 times more likely to die than were females in the same age groups in 1999, while males 25-29 were 2.3 times more likely to die than females of the same age (Table 5-7).

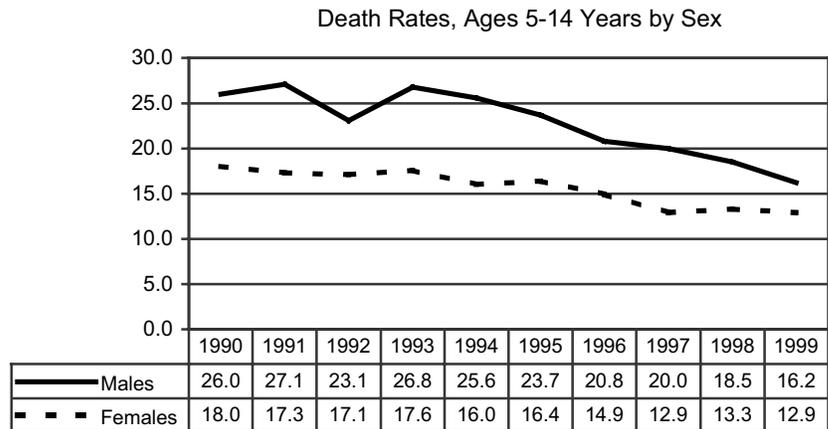
Among the race/ethnic groups, the male age-specific death rates were higher than the female age-specific death rates for all age groups from 1-4 years to 90 years and over, except Asian/Pacific Islanders ages 5-9 and 10-14 years and American Indians ages 85-89 and 90 years and over. Among the race/ethnicity groups, the largest differences by gender in age-specific death rates were the 4.0 times higher risk of mortality for American Indian males ages 45-49, the 3.2 times higher risk for Black males ages 20-24, and the 4.0 times higher risk for Hispanic males ages 20-24, compared to females of the same age and race/ethnicity (Table 5-7).

Trends in Age-Specific Death Rates by Sex

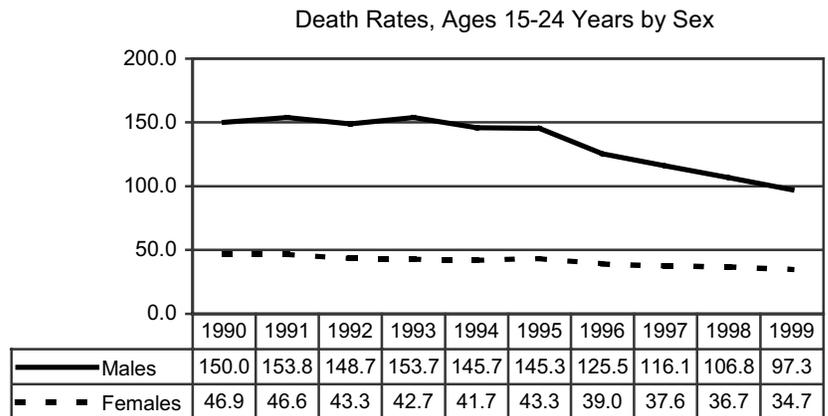
(1999 rates were calculated using population projections released December 1998.)

Over the period 1990-1999, male and female death rates by ten-year age groups decreased in all age groups. Although the rate of decline for male rates was greater than for female rates, the age-specific death rates for males remained higher than the rates for females in all ten-year age groups (Table 5-5).

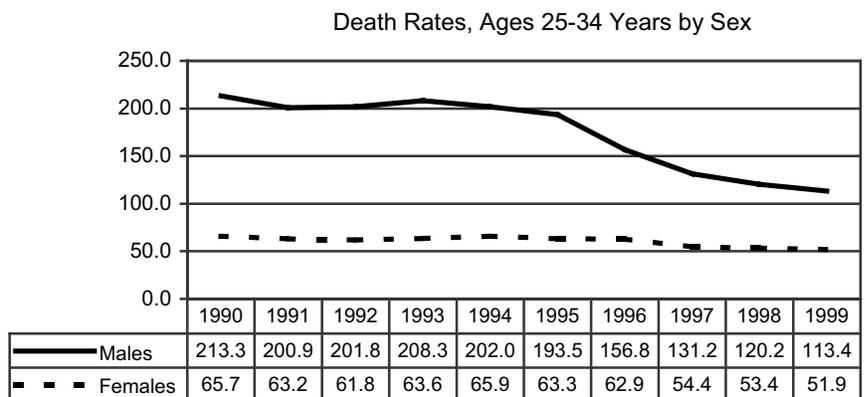
During the period 1990-1999, the male death rates for the age group **5-14** years dropped 38 percent, while the female rate dropped 28 percent. The age-specific death rate for males dropped from 26.0 to 16.2 deaths per 100,000 male population, ages 5-14 years. Female death rates dropped from 18.0 to 12.9.



Male death rates for the age group **15-24** years dropped 35 percent between 1990 and 1999 and female rates dropped 26 percent. The age-specific death rates for males dropped from 150.0 to 97.3 deaths per 100,000 male population in this age group over the period 1990-1999. Female death rates dropped from 46.9 to 34.7.

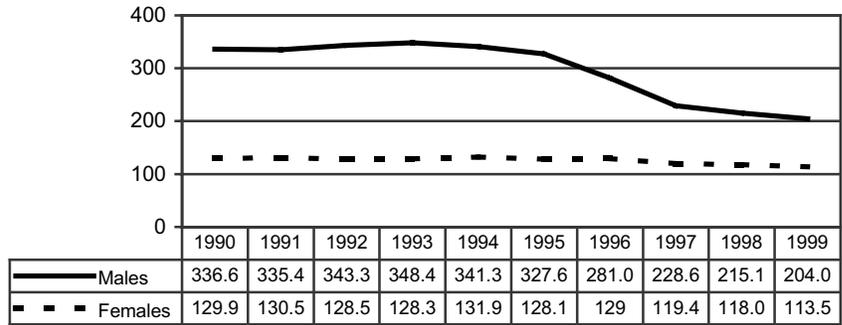


Male death rates for the age group **25-34** years dropped 47 percent from the 1990 level, while female rates dropped 21 percent. For males, this rate dropped from 213.3 deaths per 100,000 population in 1990 to 113.4 in 1999. Female death rates dropped from 65.7 to 51.9.



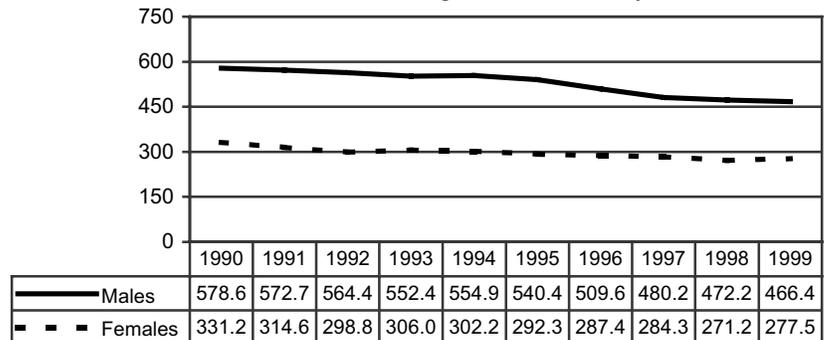
Male death rates for the age group **35-44** years dropped 39 percent from 336.6 per 100,000 population in this age group in 1990 to 204.0 in 1999. Female death rates dropped 13 percent from 129.9 to 113.5 during this period.

Death Rates, Ages 35-44 Years by Sex



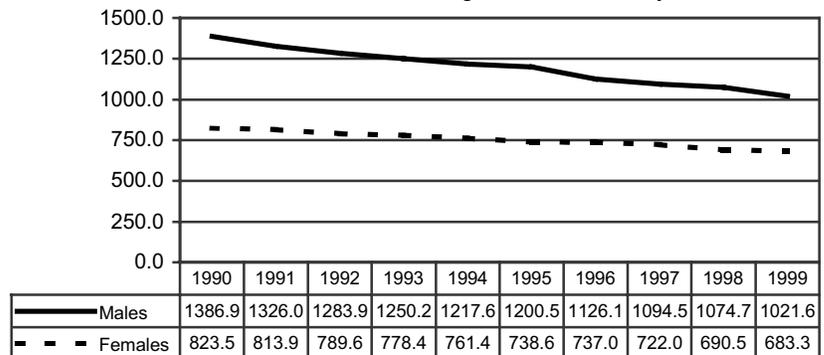
Male death rates for the age group **45-54** years were down 19 percent between 1990 and 1999, while female rates fell 16 percent. Male age-specific death rates dropped from 578.6 in 1990 to 466.4 in 1999. Female death rates dropped from 331.2 to 277.5.

Death Rates, Ages 45-54 Years by Sex



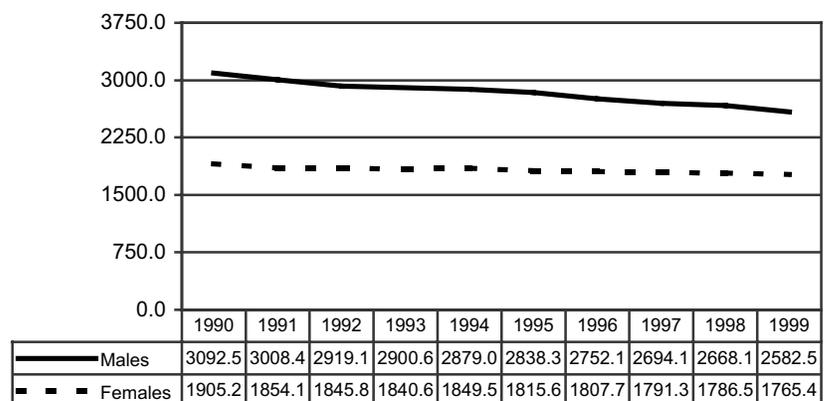
Male death rates for the age group **55-64** years dropped 26 percent between 1990 and 1999, while female rates were down 17 percent. Male age-specific death rates dropped from 1386.9 in 1990 to 1021.6 in 1999. Female death rates dropped from 823.5 to 683.3.

Death Rates, Ages 55-64 Years by Sex

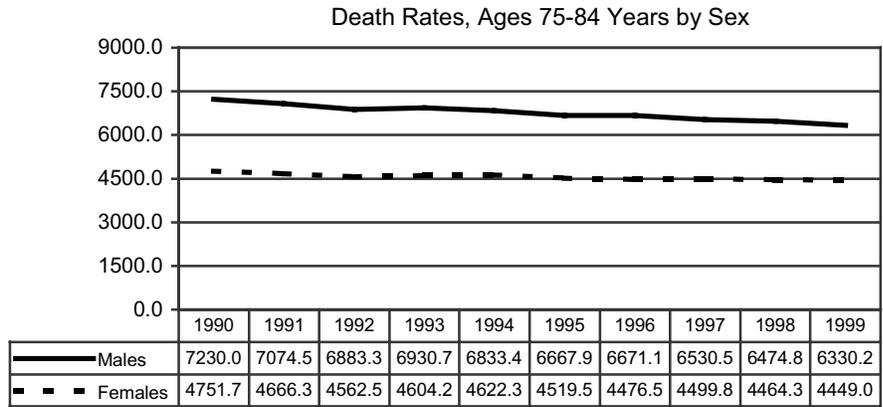


Male death rates for the age group **65-74** years were down 16 percent from 3092.5 deaths per 100,000 population in this group in 1990 to 2582.5 in 1999. Female death rates were down 7 percent from 1905.2 to 1765.4.

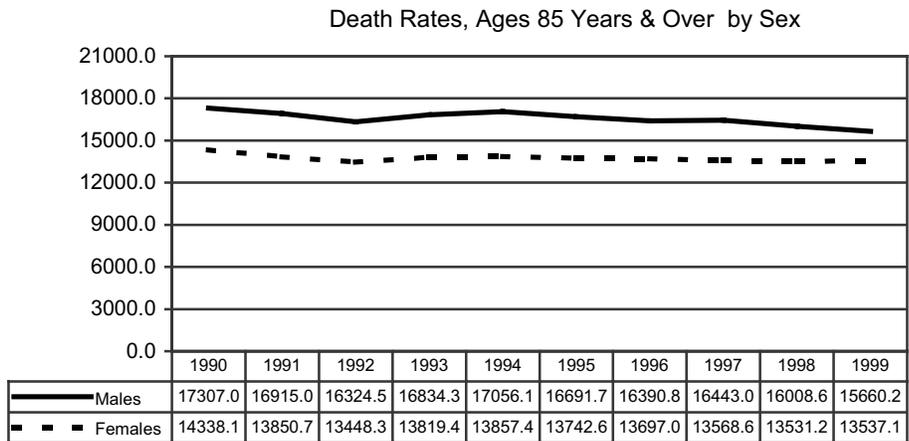
Death Rates, Ages 65-74 Years by Sex



Male death rates for the age group **75-84** years dropped 12 percent from 7230.0 deaths per 100,000 population in this age group in 1990 to 6330.2 in 1999. Female death rates were down 6 percent from 4751.7 to 4449.0 during this period.



Male death rates for the age group **85 years and over** dropped 10 percent from 17307.0 deaths per 100,000 population in 1990 to 15660.2 in 1999. Female death rates were down 6 percent from 14338.1 to 13537.1.



Trends in Age-Specific Death Rates by Race/Ethnicity and Sex

(1999 rates were calculated using population projections released December 1998.)

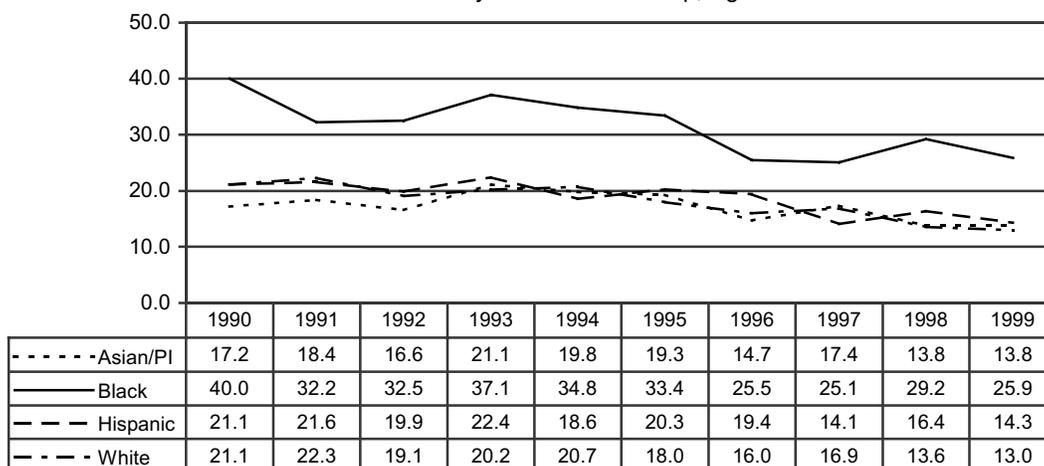
Over the period 1990-1999, death rates by ten-year age groups decreased in all race/ethnic groups. Generally the larger decreases in rates occurred among the younger age groups, with the exception of Asian/Pacific Islanders and Hispanics, aged 85 years and over, down 24.0 and 25.2 percent, respectively.

The largest percentage drop in age-specific rates occurred for Black residents ages 25 to 34 years (down 47 percent) and 15 to 24 years (down 44.5 percent), for White residents ages 25 to 34 (down 41.7 percent) and 15 to 24 years (down 39.2 percent), and for Hispanic residents ages 25 to 34 years (down 36.3 percent) (Table 5-9).

Although the rate of decline for Black residents was usually greater than for other race/ethnic groups, the age-specific death rates for Black males and females remained higher than the rates for all other corresponding age-race/ethnic groups, except for White males and females 85 years and over where the Black female death rate for age 85 years and over exceeded White female rates only in 1999.

Asian/Pacific Islander male and female age-specific death rates were usually the lowest compared to other race/ethnic groups, except for Asian/Pacific Islander females 5-14 years, Asian/Pacific Islander males ages 75-84 years and Asian/Pacific Islander males and females 85 years and over.

Death Rates by Race/Ethnic Group, Ages 5-14 Years

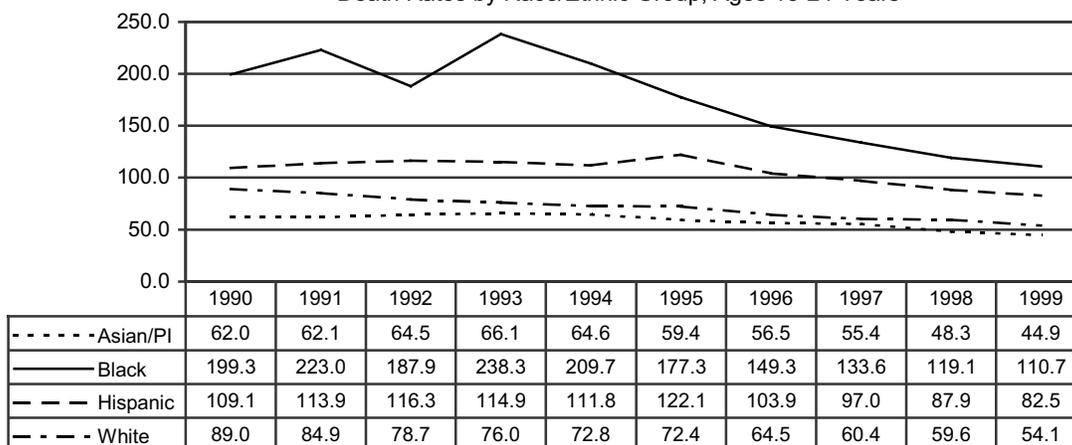


Between 1990 and 1999 the age-specific death rates for ages **5-14** years dropped 20 percent among Asian/Pacific Islanders, 35 percent among Blacks, 32 percent among Hispanics, and 38 percent among White residents.

Male age-specific death rates for ages 5-14 years dropped 42 percent for Asian/Pacific Islander and Black males, 39 percent for Hispanic males and 34 percent for White males.

The female death rates for ages 5-14 years increased 22 percent for Asian/Pacific Islander females. This rate dropped 24 percent for Black females and 21 percent for Hispanic females and increased 43 percent for White females.

Death Rates by Race/Ethnic Group, Ages 15-24 Years

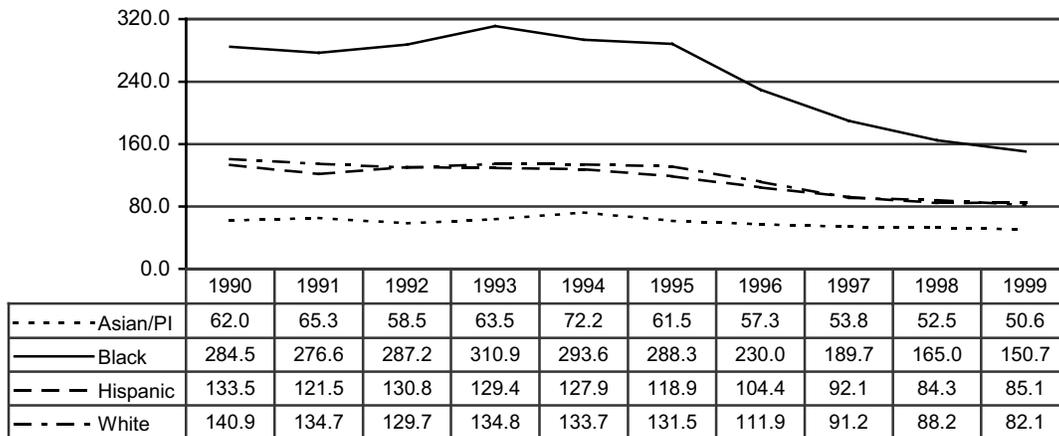


Between 1990 and 1999 the age-specific death rates for ages **15-24** years dropped 28 percent among Asian/Pacific Islanders, 44 percent among Blacks, 24 percent among Hispanics, and 39 percent among White residents.

During this period male death rates for ages 15-24 years dropped 31 percent for Asian/Pacific Islander males, 46 percent for Black males, 23 percent for Hispanic males, and 42 percent for White males.

Female death rates for ages 15-24 years dropped 17 percent for Asian/Pacific Islander females, 39 percent for Black females, 9 percent for Hispanic females, and 32 percent for White females.

Death Rates by Race/Ethnic Group, Ages 25-34 Years

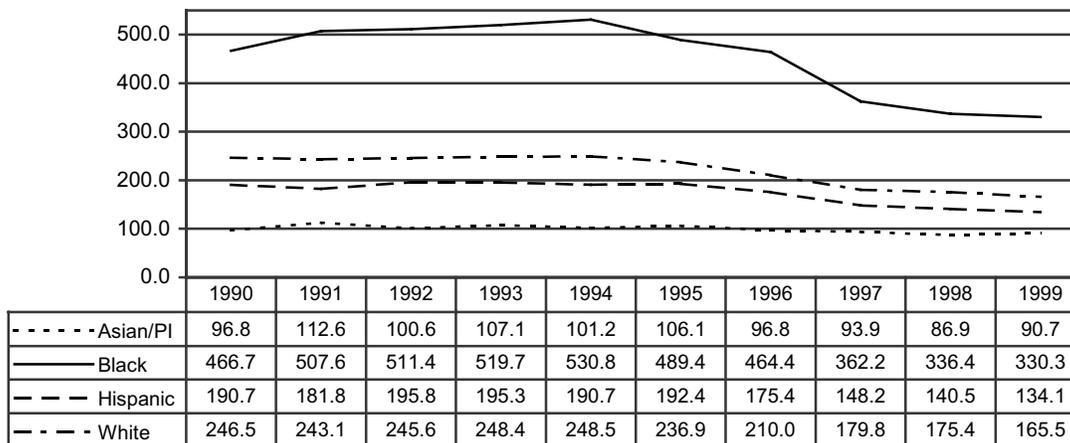


Between 1990 and 1999 the age-specific death rates for ages **25-34** years dropped 18 percent among Asian/Pacific Islanders, 47 percent among Blacks, 36 percent among Hispanics, and 42 percent among White residents.

During this nine year period, male death rates for ages 25-34 years dropped 25 percent for Asian/Pacific Islander males, 53 percent for Black males, 43 percent for Hispanic males, and 48 percent for White males.

Among females in the 25-34 years age group the death rates dropped 7 percent for Asian/Pacific Islander females, 32 percent for Black females, 10 percent for Hispanic females, and 20 percent for White females.

Death Rates by Race/Ethnic Group, Ages 35-44 Years

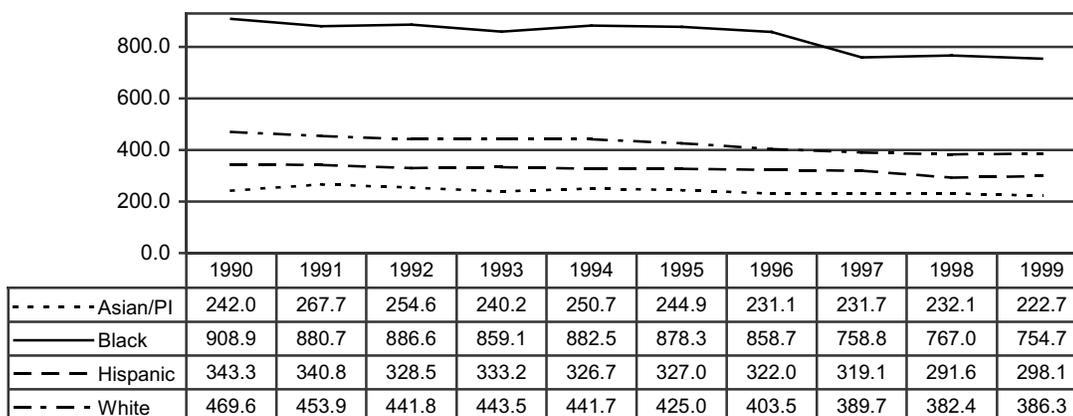


Between 1990 and 1999 the age-specific death rates for ages **35-44** years dropped 6 percent among Asian/Pacific Islanders, 29 percent among Blacks, 30 percent among Hispanics, and 33 percent among White residents.

During this period, male death rates for the 35-44 years age groups dropped 13 percent for Asian/Pacific Islander males, 39 percent for Black males, 38 percent Hispanic males, and 40 percent for White males.

Female death rates for ages 35-44 years increased 3 percent for Asian/Pacific Islander females and dropped 9 percent for Black females, 6 percent for Hispanic females, and 14 percent for White females.

Death Rates by Race/Ethnic Group, Ages 45-54 Years

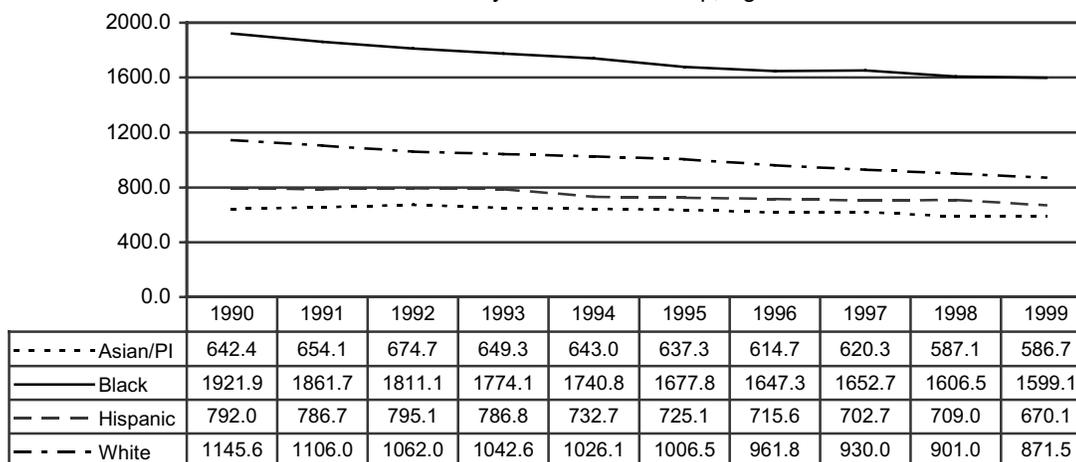


Between 1990 and 1999 the age-specific death rates for ages **45-54** years dropped 8 percent among Asian/Pacific Islanders, 17 percent among Blacks, 13 percent among Hispanics, and 18 percent among White residents.

During this nine year period, male death rates for ages 45-54 years dropped 13 percent for Asian/Pacific Islander males, 19 percent for Black males, 15 percent for Hispanic males, and 18 percent for White males.

Among females in the 45-54 years age group, the death rates dropped 1 percent for Asian/Pacific Islander females, 13 percent for Black females, 12 percent for Hispanic females, and 17 percent for White females.

Death Rates by Race/Ethnic Group, Ages 55-64 Years

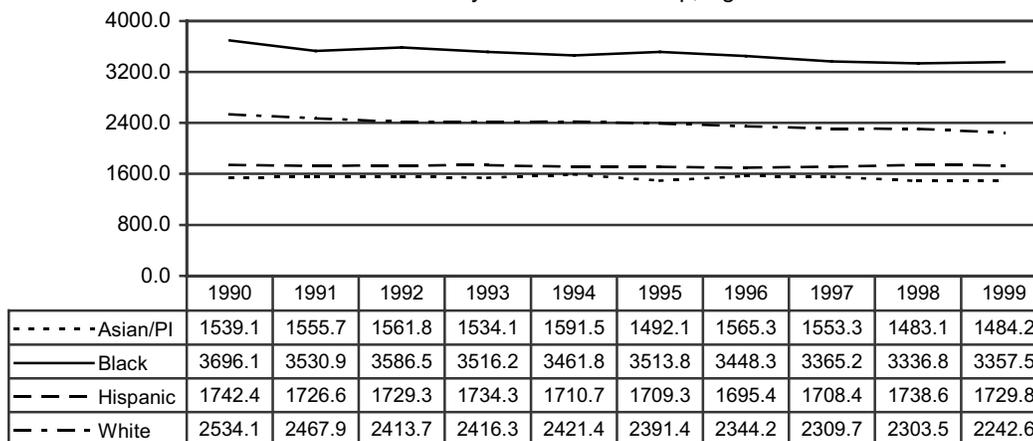


Between 1990 and 1999 the age-specific death rates for ages **55-64** years dropped 9 percent among Asian/Pacific Islanders, 17 percent among Blacks, 15 percent among Hispanics, and 24 percent among White residents.

During this period, male death rates for the 55-64 years age group dropped 11 percent for Asian/Pacific Islander males, 19 percent for Black males, 19 percent for Hispanic males, and 28 percent for White males.

Female death rates for the 55-64 years age group dropped 9 percent for Asian/Pacific Islander females, 13 percent for Black females, 11 percent for Hispanic females, and 18 percent for White females.

Death Rates by Race/Ethnic Group, Ages 65-74 Years

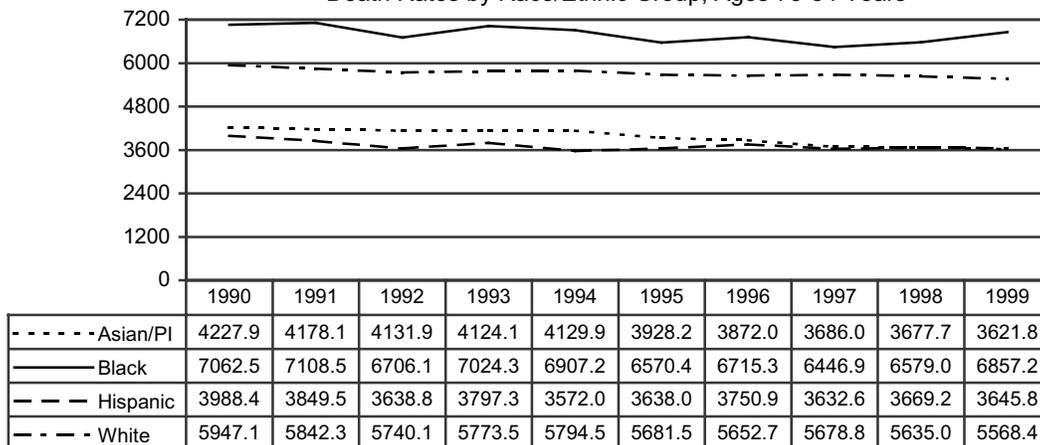


Between 1990 and 1999 the age-specific death rates for ages **65-74** years dropped 4 percent among Asian/Pacific Islander, 9 percent among Black, 1 percent among Hispanic, and 12 percent among White residents.

Male death rates for the 65-74 years age group dropped 9 percent during this nine year period for Asian/Pacific Islanders, 16 percent for Black males, 5 percent for Hispanic males, and 16 percent for White males.

Between 1990 and 1999, female death rates for the 65-74 years age group increased 6 percent for Asian/Pacific Islander females, dropped 2 percent for Black females, increased 3 percent for Hispanic females, and dropped 7 percent for White females.

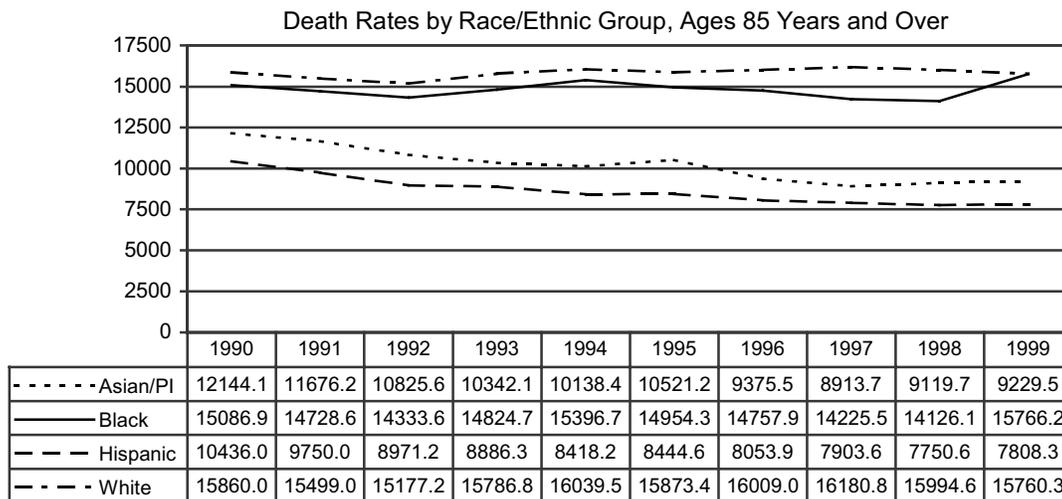
Death Rates by Race/Ethnic Group, Ages 75-84 Years



Between 1990 and 1999 the age-specific death rates for ages **75-84** years dropped 14 percent among Asian/Pacific Islanders, 3 percent among Blacks, 9 percent among Hispanics, and 6 percent among White residents.

During this period, male death rates for the 75-84 years age group dropped 16 percent for Asian/Pacific Islander males, 5 percent for Black males, 14 percent for Hispanic males, and 10 percent for White males.

Among females during this period in the 75-84 years age group, the death rates dropped 8 percent for Asian/Pacific Islander females, 2 percent for Black females, 5 percent for Hispanic females, and 4 percent for White females.



Between 1990 and 1999 the age-specific death rates for ages **85 years and over** dropped 24 percent among Asian/Pacific Islanders, increased 5 percent among Blacks, and decreased 25 percent among Hispanics and 1 percent among White residents.

Male death rates for the 85 years and over age group dropped 27 percent between 1990-1999 for Asian/Pacific Islander males and increased 4 percent for Black males. This rate dropped 29 percent for Hispanic males and 2 percent for White males.

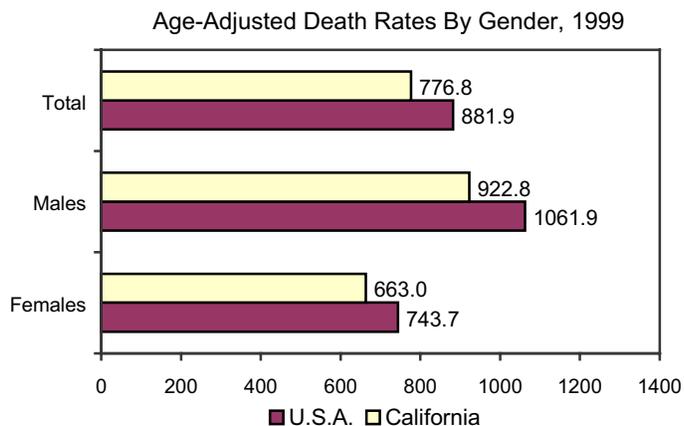
Female death rates for the 85 and over age group dropped 22 percent for Asian/Pacific Islander females and increased 4 percent for Black females. This rate dropped 22 percent for Hispanic females and less than one percent for White females.

Age-Adjusted Death Rates

*(1999 rates were calculated using population projections released December 1998. All age-adjusted rates were calculated using the **Year 2000 U.S. Standard Million** population.)*

The 1999 age-adjusted death rate for California residents was 776.8 deaths per 100,000 population. This compares to a preliminary age-adjusted rate of 881.9 for the United States. California's rate was down 1.7 percent from the 790.6 rate in 1998 and down 13.6 percent from the rate of 898.7 in 1990 (Table 5-1).

Note: Age-adjusted rates are used to compare the mortality risk across sex, age, and race/ethnic groups and to compare mortality risk over time. These are indices rather than actual measures of mortality and are not comparable to other rates.



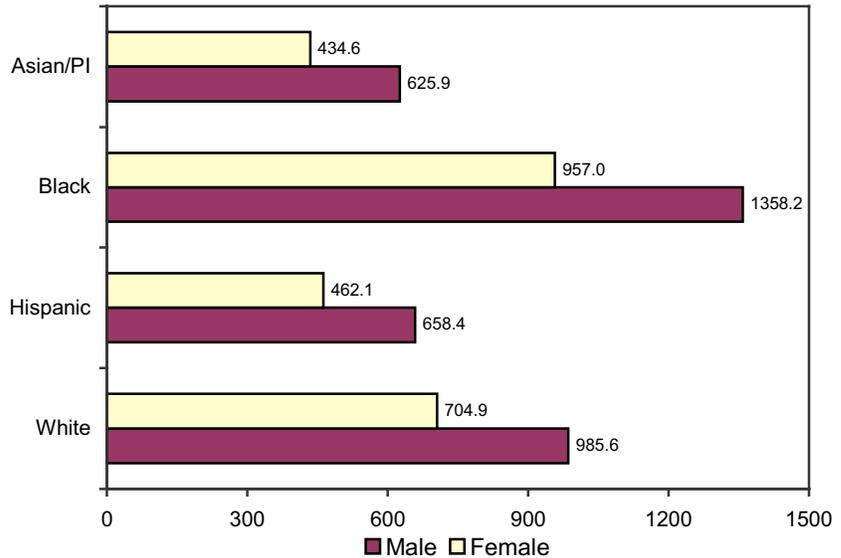
The age-adjusted death rate for California males in 1999 was 922.8 deaths per 100,000 population, 39 percent higher than the age-adjusted death rate for California females, 663.0. These rates compare to preliminary age-adjusted rates of 1061.9 for males and 743.7 for females for the United States in 1999.

In 1999 the age-adjusted death rates for Asian/Pacific Islander residents was 520.4 deaths per 100,000 population. For the other race/ethnic groups, the age-adjusted rates were 1127.2 for Black, 552.6 for Hispanic, and 825.2 for White residents.

These age-adjusted death rates were down in 1999 from the 1998 rates for all race/ethnic groups except Blacks.

The age-adjusted rates for males were down for all groups except Blacks, while the rates for females increased in 1999 in all groups, except Whites.

Age-Adjusted Death Rates By Race/Ethnicity, 1999



The 1999 age-adjusted death rates for males exceeded the rates for females in each race/ethnic group. The male rates were higher than female rates by 44 percent for Asian/Pacific Islander, 42 percent for Black, 42 percent for Hispanic, and 40 percent for White residents.

Leading Causes of Death

(1999 rates were calculated using population projections released December 1998.)

*Note I: Age-adjusted rates are used to compare the mortality risk across sex, age, and race/ethnic groups and to compare mortality risk over time. These are indices rather than actual measures of mortality and are not comparable to other rates. All age-adjusted rates in this report utilize the **Year 2000 U.S. Standard Million** population.*

*Note II: Causes of death are coded using the **International Classification of Death, Tenth Revision (ICD-Rev. 10)** and are not comparable to earlier data coded under the ICD-Rev. 9).*

The ten leading causes of death in 1999, shown in the table on the following page, accounted for 82.3 percent of all deaths (Table 5-10). The total number of deaths of California residents increased 1.1 percent from 225,450 in 1998 to 227,965 in 1999.

Leading Causes of Death and Age-Adjusted Rates, California 1999

Rank	Cause of Death	Total Deaths		Age-Adjusted Rates*			
		Number	Percent	Total	Males	Females	Male/ Female Ratio
	All Causes	227,965	100.0	776.8	922.8	663.0	1.4
1.	Heart Disease	69,900	30.7	243.4	293.8	203.6	1.4
2.	Cancer	52,880	23.2	179.5	216.0	155.4	1.4
3.	Stroke	18,079	7.9	63.3	64.7	61.5	1.1
4.	Lung Disease (CLRD)	13,187	5.8	45.8	54.4	40.6	1.3
5.	Accidents	8,940	3.9	27.5	38.7	16.7	2.3
6.	Influenza /Pneumonia	8,014	3.5	28.2	32.7	25.5	1.3
7.	Diabetes	6,004	2.6	20.5	22.2	19.3	1.2
8.	Alzheimer's Disease	3,934	1.7	14.0	12.3	14.8	0.8
9.	Cirrhosis	3,546	1.6	11.5	16.1	7.2	2.2
10.	Suicide	3,047	1.3	9.4	15.5	3.9	4.0

* Deaths per 100,000 population, standardized to the estimated Year 2000 U.S. population.

Some of the changes in the ten leading causes of death between 1998 and 1999 are the results of the revised coding system. For example, there was a major change in coding pneumonia/influenza, now entitled influenza/pneumonia under ICD-10, resulting in this cause dropping from the 4th leading cause in 1998 to the 6th cause of death in 1999. Similarly, the change in coding system increased the coding of Alzheimer's disease and resulted in this cause becoming the 8th leading cause in 1999. The remaining causes of death retained their relative positions from 1998.

Based on the comparison of age-adjusted rates, the risk of mortality for males was higher than the risk for females for nine leading causes. The male risk of mortality was 2.3 and 4.0 times the risk for females for accidents and self-harm, respectively. The female risk of death exceeded the male risk in 1999 for Alzheimer's disease.

Leading Causes of Death for Males and Females in 1999

<u>Rank</u>	<u>Male Causes</u>	<u>Deaths</u>	<u>Rank</u>	<u>Female Causes</u>	<u>Deaths</u>
1.	Heart Disease	34,127	1.	Heart Disease	35,773
2.	Cancer	27,065	2.	Cancer	25,815
3.	Stroke	7,264	3.	Stroke	10,815
4.	Lung Disease (CLRD)	6,286	4.	Lung Disease (CLRD)	6,901
5.	Accidents	6,111	5.	Influenza/Pneumonia	4,545
6.	Influenza/Pneumonia	3,469	6.	Diabetes	3,234
7.	Diabetes	2,770	7.	Accidents	2,829
8.	Self-Harm (Suicide)	2,401	8.	Alzheimer's Disease	2,675
9.	Cirrhosis	2,362	9.	Cirrhosis	1,184
10.	Assault (Homicide)	1,626	10.	Hypertension	1,110

By gender, heart disease, cancer, stroke, and CLRD were the 1st, 2nd, 3rd, and 4th leading causes of death for both males and females, accounting for 65.8 percent of male deaths and 69.4 percent of female deaths in 1999. Beyond these four causes of death, the ranking of leading causes differs for males and females. Accidents were the 5th leading cause of death for males and the 7th cause for females. Influenza/pneumonia and diabetes were the 5th and 6th leading causes for females and the 6th and 7th for males. Cirrhosis was the 9th leading cause for both males and females in 1999. Suicide and homicide were the 8th and 10th leading causes for males, while Alzheimer's disease and hypertension ranked 8th and 10th for females.

Leading Causes of Death by Race/Ethnicity

The ten leading causes of death for **Asian/Pacific Islanders** accounted for 83.8 percent of the total number of deaths in 1999 for this group (Table 5-10A). Total Asian/Pacific Islander deaths increased 4.8 percent from 13,591 deaths in 1998 to 14,246 deaths in 1999.

Leading Causes of Death and Age-Adjusted Rates for **Asian/Pacific Islanders** 1999

Rank	Cause of Death	Total Deaths		Age-Adjusted Rates			
		Number	Percent	Total	Males	Females	Male/ Female Ratio
	All Causes	14,246	100.0	520.4	625.9	434.6	1.4
1.	Heart Disease	3,892	27.3	151.7	183.9	125.3	1.5
2.	Cancer	3,810	26.7	58.0	159.0	110.4	1.4
3.	Stroke	1,497	10.5	22.3	63.7	53.4	1.2
4.	Lung Disease (CLRD)	574	4.0	16.5	33.0	13.9	2.4
5.	Accidents	556	3.9	13.0	20.3	12.9	1.6
6.	Influenza /Pneumonia	553	3.9	22.6	27.5	18.8	1.5
7.	Diabetes	497	3.5	18.6	19.5	18.0	1.1
8.	Self-Harm (Suicide)	230	1.6	6.2	9.6	3.1	3.1
9.	Nephritis	182	1.3	7.0	7.5	6.6	1.1
10.	Hypertension	153	1.1	6.0	6.1	5.9	1.0

Some of the changes in the ten leading causes of death for Asian/Pacific Islanders between 1998 and 1999 are the results of the revised coding system. For example, there was a major change in the coding of pneumonia/ influenza, now entitled influenza/pneumonia under ICD-10, resulting in this cause dropping from the 4th leading cause in 1998 to the 6th in 1999. Similarly, the change in the coding system increased the coding of nephritis and resulted in this cause becoming the 9th leading cause in 1999.

The 18.8 percent increase in lung disease (CLRD) between 1998 (483 deaths) and 1999 (574 deaths) cannot be explained by the revised coding system. In 1999 lung disease became the 4th leading cause of death for Asian/Pacific Islanders.

Based on the comparison of age-adjusted rates, the risk of mortality for Asian/Pacific Islander males was higher than the risk for females for all leading causes. The Asian/Pacific Islander male risk of mortality was 2.4 and 3.1 times greater than the risk for females for CLRD and suicide, respectively.

Leading Causes of Death for **Asian/Pacific Islander** Male and Female Residents in 1999

Rank	Male Causes	Deaths	Rank	Female Causes	Deaths
1.	Heart Disease	2,158	1.	Cancer	1,771
2.	Cancer	2,039	2.	Heart Disease	1,734
3.	Stroke	734	3.	Stroke	763
4.	Lung Disease (CLRD)	373	4.	Diabetes	268
5.	Accidents	334	5.	Influenza/Pneumonia	255
6.	Influenza/Pneumonia	298	6.	Accidents	222
7.	Diabetes	229	7.	Lung Disease (CLRD)	201
8.	Self-Harm (Suicide)	171	8.	Nephritis	95
9.	Nephritis	87	9.	Hypertension	82
10.	Assault (Homicide)	86	10.	Self-Harm (Suicide)	59

Heart disease and cancer were the 1st and 2nd leading causes of death for Asian/Pacific Islander males and the 2nd and 1st leading causes for females in 1999. Stroke was the 3rd leading cause for both males and females. Beyond these three leading causes of death, the ranking of leading causes differs for male and female Asian/Pacific Islanders. Lung disease was the 4th leading cause for males and the 7th cause for females, while diabetes was the 4th leading cause for females and the 7th cause for males. Accidents and influenza/pneumonia were 5th and 6th causes for males and the 6th and 5th causes for females.

Self-harm and nephritis were the 8th and 9th causes for males and the 10th and 8th causes for females. Assault was the 10th cause of death for males and hypertension was the 9th cause for females.

The ten leading causes of death for **Black** residents accounted for 81.4 percent of the total number of deaths in 1999 for this group (Table 5-10B). The total number of Black deaths increased 1.3 percent from 17,607 in 1998 to 17,842 in 1999.

Some of the changes in the ten leading causes of death for Black residents between 1998 and 1999 are the results of the revised coding system. For example, there was a major change in the coding of pneumonia/influenza, now entitled influenza/pneumonia under ICD-10, resulting in this cause dropping from the 4th leading cause in 1998 to the 8th cause in 1999.

Leading Causes of Death and Age-Adjusted Rates for **Black** Residents, 1999

Rank	Cause of Death	Total Deaths		Age-Adjusted Rates			
		Number	Percent	Total	Males	Females	Male/ Female Ratio
	All Causes	17,842	100.0	1127.0	1358.2	957.0	1.4
1.	Heart Disease	5,417	30.4	368.7	425.0	324.2	1.3
2.	Cancer	3,935	22.1	248.4	323.8	201.8	1.6
3.	Stroke	1,409	7.9	98.6	102.3	93.9	1.1
4.	Lung Disease (CLRD)	729	4.1	48.6	69.2	36.0	1.9
5.	Diabetes	728	4.1	47.2	47.5	46.6	1.0
6.	Accidents	704	3.9	33.5	47.1	21.6	2.2
7.	Assault (Homicide)	509	2.9	20.9	34.9	6.5	5.4
8.	Influenza/Pneumonia	466	2.6	33.5	42.5	28.4	1.5
9.	HIV Disease (HIVD)	364	2.0	16.4	25.5	8.0	3.2
10.	Hypertension	268	1.5	18.2	19.1	17.0	1.1

However, the change in the coding system does not fully explain the 20 percent increase in strokes, the 15 percent increase in HIV disease, the 12 percent increase in CLRD, (moving this cause from the 7th cause of death in 1998 to the 4th cause in 1999), and the 10 percent decrease in assaults.

Based on the comparison of age-adjusted rates, the risk of mortality for Black males was higher than the risk for females for all leading causes in 1999. The Black male risk of mortality was 5.4, 3.2, and 2.2 times greater than the risk of mortality for females from assault, HIVD, and accidents, respectively.

Leading Causes of Death for **Black** Male and Female Residents in 1999

Rank	Male Causes	Deaths	Rank	Female Causes	Deaths
1.	Heart Disease	2,593	1.	Heart Disease	2,824
2.	Cancer	2,066	2.	Cancer	1,869
3.	Stroke	599	3.	Stroke	810
4.	Accidents	466	4.	Diabetes	420
5.	Assault (Homicide)	430	5.	Lung Disease (CLRD)	322
6.	Lung Disease (CLRD)	407	6.	Influenza/Pneumonia	245
7.	Diabetes	308	7.	Accidents	238
8.	HIVD	273	8.	Hypertension	149
9.	Influenza/Pneumonia	221	9.	Alzheimer's Disease	116
10.	Cirrhosis	144	10.	Certain Perinatal Conditions	116

Heart disease, cancer and stroke were the 1st, 2nd and 3rd leading causes of death for both Black males and females, accounting for 57.6 percent of male deaths and 63.1 percent of female deaths in 1999. Beyond these three causes of death, the ranking of leading causes differs for males and females. Accidents and diabetes were the 4th and 7th leading causes for Black males and the 7th and 4th cause for females. CLRD was the 6th cause for males and the 5th cause for females, while influenza/pneumonia was the 6th cause for females and the 9th cause for males. Assault, HIVD, and cirrhosis were the 5th, 8th, and 10 cause for males and were not among the ten leading causes for females. Hypertension, Alzheimer's disease, and certain perinatal conditions were the 8th, 9th, and 10th causes for females.

The ten leading causes of death for **Hispanic** residents accounted for 78.6 percent of all deaths for this group in 1999 (Table 5-10C). The total number of Hispanic deaths increased 3.4 percent from 26,979 in 1998 to 27,907 in 1999.

Leading Causes of Death and Age-Adjusted Rates for **Hispanic** Residents, 1999

Rank	Cause of Death	Total Deaths		Age-Adjusted Rates			
		Number	Percent	Total	Males	Females	Male/ Female Ratio
	All Causes	27,907	100.0	552.6	658.4	462.1	1.4
1.	Heart Disease	6,775	24.3	162.3	192.2	137.2	1.4
2.	Cancer	5,654	20.3	117.6	138.7	103.1	1.3
3.	Accidents	2,301	8.2	26.1	38.9	12.7	3.1
4.	Stroke	1,808	6.5	42.9	46.8	39.8	1.2
5.	Diabetes	1,406	5.0	31.8	31.4	32.2	1.0
6.	Cirrhosis	971	3.5	16.8	25.2	8.9	2.8
7.	Assault (Homicide)	868	3.1	8.0	13.3	2.3	5.8
8.	Influenza/Pneumonia	783	2.8	19.5	22.6	17.3	1.3
9.	Lung Disease (CLRD)	732	2.6	18.3	24.4	14.5	1.7
10.	Certain Perinatal Conditions	646	2.3	3.4	3.7	3.0	1.2

Some of the changes in the ten leading causes of death for Hispanic residents between 1998 and 1999 are the results of the revised coding system. For example, there was a major change in the coding of pneumonia/influenza, now entitled influenza/pneumonia under ICD-10, resulting in this cause dropping from the 6th leading cause in 1998 to the 8th cause in 1999. The remaining causes of death retained their relative positions from 1998.

Based on the comparison of age-adjusted rates, the mortality risk for Hispanic males was higher than the risk for females for all leading causes, except for diabetes where the risk was the same. The Hispanic male risk of mortality was 5.8, 3.1, and 2.8 times greater than the risk for females for assault, accidents, and cirrhosis, respectively.

Leading Causes of Death for **Hispanic** Male and Female Residents in 1999

Rank	Male Causes	Deaths	Rank	Female Causes	Deaths
1.	Heart Disease	3,540	1.	Heart Disease	3,235
2.	Cancer	2,885	2.	Cancer	2,769
3.	Accidents	1,790	3.	Stroke	957
4.	Stroke	851	4.	Diabetes	788
5.	Assault (Homicide)	752	5.	Accidents	511
6.	Cirrhosis	726	6.	Influenza/Pneumonia	414
7.	Diabetes	618	7.	Lung Disease (CLRD)	341
8.	Lung Disease (CLRD)	391	8.	Certain Perinatal Conditions	283
9.	Influenza/Pneumonia	369	9.	Congenital Malformations, et al.	248
10.	Self-Harm (Suicide)	365	10.	Cirrhosis	245

Heart disease and cancer were the 1st and 2nd leading causes of death for both Hispanic males and females, accounting for 41.1 percent of male deaths and 48.8 percent of female deaths in 1999. Beyond these two causes of death, there were major differences in the ranking of leading causes for males and females. Stroke, diabetes and accidents were the 3rd, 4th, and 5th causes of death for females and the 4th, 7th, and 3rd causes for males. Influenza/pneumonia, CLRD, and cirrhosis were the 6th, 7th, and 10th leading cause for females in 1999 and the 9th, 8th, and 6th causes for males. Assault and self-harm, the 5th and 10th leading causes for Hispanic males, were not among the ten leading causes for females. Certain perinatal conditions and congenital malformations, et al. were the 8th and 9th causes for females.

The ten leading causes of death for **White** residents accounted for 83.8 percent of the total number of deaths in 1999 for this group (Table 5-10D). The total number of deaths of White residents increased a slight 0.4 percent from 166,475 in 1998 to 167,198 in 1999.

Leading Causes of Death and Age-Adjusted Rates for **White** Residents, 1999

Rank	Cause of Death	Total Deaths		Age-Adjusted Rates			
		Number	Percent	Total	Males	Females	Male/ Female Ratio
	All Causes	167,198	100.0	825.2	985.6	704.9	1.4
1.	Heart Disease	53,629	32.1	261.0	321.3	215.1	1.5
2.	Cancer	39,324	23.5	194.5	233.8	169.2	1.4
3.	Stroke	13,310	8.0	64.4	65.3	63.2	1.0
4.	Lung Disease (CLRD)	11,111	6.6	54.1	62.5	49.5	1.3
5.	Influenza/Pneumonia	6,200	3.7	30.0	34.7	27.3	1.3
6.	Accidents	5,323	3.2	28.8	40.3	18.1	2.2
7.	Alzheimer's Disease	3,426	2.0	16.5	14.8	17.2	0.9
8.	Diabetes	3,331	2.0	16.4	18.9	14.7	1.3
9.	Self-Harm (Suicide)	2,252	1.3	12.1	19.7	5.3	3.7
10.	Cirrhosis	2,184	1.3	11.1	15.1	7.6	2.0

Some of the changes in the ten leading causes of death for White residents between 1998 and 1999 are the results of the revised coding system. For example, there was a major change in the coding of pneumonia/influenza, now entitled influenza/pneumonia under ICD-10, contributing in this cause dropping 41 percent, although moving down only one rank to the 5th leading cause. Similarly, the change in the coding system increased coding of Alzheimer's disease and contributed to this cause becoming the 7th leading cause in 1999. The remaining causes of death retained their relative positions from 1998.

Based on the comparison of age-adjusted death rates, the mortality risk for White males was higher than the risk for females in nine leading causes. The risk of mortality for White males was 3.7, 2.2, and 2.0 times the risk of females for self-harm, accidents, and cirrhosis, respectively. The risk of mortality for females was greater than the risk for males for Alzheimer's disease.

Heart disease, cancer, and diabetes were the 1st, 2nd, and 8th leading causes of death for both White males and females, accounting for 58.6 percent of male deaths and 56.6 percent of female deaths in 1999. Lung disease and stroke were the 3rd and 4th leading causes for White males and the 4th and 3rd for females. Accidents were the 5th cause of death for males and the 7th for females. Influenza/pneumonia and cirrhosis were the 6th and 9th causes for White males and the 5th and 10th for females. Alzheimer's disease, the 6th leading cause for females, was the 10th cause for males. Self-harm, the 7th leading cause for males, was not among the ten leading causes for females.

Leading Causes of Death for **White** Male and Female Residents in 1999

Rank	Male Causes	Deaths	Rank	Female Causes	Deaths
1.	Heart Disease	25,736	1.	Heart Disease	27,893
2.	Cancer	19,987	2.	Cancer	19,337
3.	Lung Disease (CLRD)	5,097	3.	Stroke	8,252
4.	Stroke	5,058	4.	Lung Disease (CLRD)	6,014
5.	Accidents	3,482	5.	Influenza/Pneumonia	3,625
6.	Influenza/Pneumonia	2,575	6.	Alzheimer's Disease	2,344
7.	Self-Harm (Suicide)	1,748	7.	Accidents	1,841
8.	Diabetes	1,595	8.	Diabetes	1,736
9.	Cirrhosis	1,395	9.	Atherosclerosis	921
10.	Alzheimer's Disease	1,082	10.	Cirrhosis	789

Leading Causes of Death by Sex and Age

Accidents were the leading cause of death for males and females ages 1-4 and in the five-year age groups from 5-24 years. Accidents were also the leading cause of death for males in the ten-year age groups from 25-44 years and females in the 25-34 years age group. Accidents were the 2nd leading cause of death for females ages 35-44 (Tables 5-16A and 5-16B).

Cancer was the leading cause of death for females, by ten-year age groups, for ages 35-74 and for males, 55-74. Cancer was the 2nd leading cause for males and females in the five-year age groups 5-9 and 10-14 and for females ages 20-24. Cancer was also the 2nd leading cause of death for males ages 45-54 and 75 and over and for females ages 25-34 and 75-84.

Heart disease was the leading cause of death for males ages 45-54 and ages 75 and over and for females ages 75 and over.

Assault was the 2nd leading cause for males in the five-year age groups from 15-24 and for females ages 15-19.

TABLE 5-1. DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES BY RACE/ETHNICITY AND SEX, CALIFORNIA 1990-1999 (By Place of Residence)

(Rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**)

Year	Total Deaths			Asian/Pacific Islander			Black			Hispanic			White		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Deaths:															
1999	227,965	113,624	114,341	14,246	7,772	6,474	17,842	9,123	8,719	27,907	15,615	12,292	167,198	80,712	86,486
1998	225,450	113,639	111,811	13,591	7,585	6,006	17,607	9,267	8,340	26,979	15,324	11,655	166,475	81,029	85,446
1997	223,438	113,026	110,412	13,144	7,251	5,893	17,480	9,214	8,266	26,470	15,060	11,410	165,544	81,074	84,470
1996	222,308	113,873	108,435	12,475	7,088	5,387	17,925	9,603	8,322	26,128	15,301	10,827	165,040	81,470	83,570
1995	222,626	116,199	106,427	12,037	6,825	5,212	18,011	9,997	8,014	25,901	15,668	10,233	165,928	83,285	82,643
1994	222,854	116,504	106,350	11,685	6,672	5,013	18,279	10,224	8,055	24,903	15,181	9,722	167,320	84,068	83,252
1993	220,271	115,824	104,447	10,925	6,334	4,591	18,246	10,283	7,963	24,906	15,083	9,823	165,554	83,758	81,796
1992	214,586	113,273	101,313	10,358	5,995	4,363	17,666	9,911	7,755	23,750	14,405	9,345	162,239	82,634	79,605
1991	214,220	113,107	101,113	9,862	5,680	4,182	17,558	9,978	7,580	22,903	13,983	8,920	163,347	83,150	80,197
1990	213,766	112,736	101,030	9,017	5,247	3,770	17,324	9,713	7,611	22,405	13,626	8,779	164,519	83,870	80,649
Death Rates:															
1999	669.1	664.5	673.7	369.4	409.3	330.7	768.7	795.5	742.6	269.6	291.1	246.4	964.3	939.5	988.6
1998	673.1	676.6	669.6	364.8	414.1	317.1	749.0	799.0	700.3	271.4	297.7	243.2	963.3	946.5	979.8
1997	678.0	684.0	671.9	366.2	410.9	322.9	755.1	806.5	705.0	274.6	301.6	245.6	961.6	950.7	972.2
1996	686.5	701.7	671.2	361.3	417.8	306.8	787.8	856.2	721.2	280.0	316.7	240.6	963.4	960.2	966.4
1995	694.3	723.4	665.2	360.6	416.4	306.8	800.3	901.8	701.8	284.6	332.3	233.3	965.8	979.2	952.6
1994	701.0	731.8	670.2	361.0	420.1	304.1	818.6	930.0	710.6	280.3	329.6	227.3	970.2	985.1	955.6
1993	698.9	733.9	663.8	348.9	412.5	287.7	824.0	942.6	708.8	287.7	335.7	235.8	955.8	977.5	934.7
1992	688.1	725.3	650.7	343.1	405.3	283.4	805.8	917.2	697.5	282.0	329.3	230.9	934.4	962.1	907.2
1991	700.9	739.2	662.5	342.4	402.9	284.4	817.5	942.8	695.9	282.8	332.0	229.5	947.0	974.9	919.7
1990	713.9	752.1	675.7	328.4	390.8	268.7	822.9	936.0	713.0	288.2	336.4	235.7	960.3	990.4	930.9
Age-Adjusted Death Rates:															
1999	776.8	922.8	663.0	520.4	625.9	434.6	1127.2	1358.2	957.0	552.6	658.4	462.1	825.2	985.6	704.9
1998	790.6	951.2	667.0	523.3	650.3	422.5	1097.2	1348.8	909.5	558.6	676.6	459.3	842.1	1015.7	713.8
1997	802.5	970.2	674.8	531.0	650.9	434.9	1105.7	1363.7	915.6	563.9	679.8	465.8	853.4	1039.1	718.4
1996	820.1	1000.1	681.8	547.5	686.7	435.9	1170.8	1454.7	959.9	580.1	713.6	468.1	864.7	1057.4	722.7
1995	839.9	1037.6	686.6	570.1	711.5	456.5	1193.9	1520.8	949.8	591.4	740.4	464.7	883.0	1092.7	725.4
1994	857.2	1061.4	700.3	583.5	726.4	467.3	1232.0	1564.0	979.0	588.7	743.8	458.9	900.1	1116.3	740.1
1993	860.9	1069.7	700.1	582.1	737.9	455.1	1237.9	1578.3	978.8	615.7	770.5	486.3	897.0	1116.6	732.7
1992	853.5	1062.5	692.4	593.0	741.2	470.1	1216.4	1543.0	966.3	609.7	758.7	484.6	886.0	1106.1	720.8
1991	875.4	1092.4	709.9	611.8	759.0	489.2	1244.1	1586.2	978.2	629.6	804.0	490.1	907.5	1133.1	739.2
1990	898.7	1120.6	730.0	614.7	765.2	488.8	1262.4	1594.9	1006.4	653.0	820.6	517.7	931.1	1163.1	758.0

Note: Asian/Pacific Islander, Black and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total Deaths includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

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 Estimates by Age, Sex, and Race/Ethnic Groups, May 2000; 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Groups, December 1998.

TABLE 5-2. DEATHS BY SEX AND RACE/ETHNICITY, CALIFORNIA, 1999 (By Place of Residence)

SEX AND YEAR	TOTAL	AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN
TOTAL							
1999	227,965	772	14,246	17,842	27,907	167,094	104
1998	225,450	798	13,591	17,607	26,979	166,374	101
1997	223,438	800	13,144	17,480	26,470	165,448	96
1996	222,308	740	12,475	17,925	26,128	164,929	111
1995	222,626	749	12,037	18,011	25,901	165,793	135
1994	222,854	667	11,685	18,279	24,903	167,253	67
1993	220,271	640	10,925	18,246	24,906	165,470	84
1992	214,586	573	10,358	17,666	23,750	162,140	99
1991	214,220	550	9,862	17,558	22,903	163,169	178
1990	213,766	501	9,017	17,324	22,405	164,391	128
1989	215,930	591	8,628	17,589	21,164	167,778	180
1988	215,185	619	8,292	17,156	19,213	169,697	208
1987	209,395	592	7,464	16,691	17,855	166,545	248
1986	202,826	583	6,836	15,784	16,831	162,563	229
1985	201,815	593	6,709	15,059	16,329	162,893	232
MALES							
1999	113,624	402	7,772	9,123	15,615	80,645	67
1998	113,639	434	7,585	9,267	15,324	80,966	63
1997	113,026	427	7,251	9,214	15,060	81,012	62
1996	113,873	411	7,088	9,603	15,301	81,401	69
1995	116,199	424	6,825	9,997	15,668	83,193	92
1994	116,504	359	6,672	10,224	15,181	84,028	40
1993	115,824	366	6,334	10,283	15,083	83,699	59
1992	113,273	328	5,995	9,911	14,405	82,559	75
1991	113,107	316	5,680	9,978	13,983	83,033	117
1990	112,736	280	5,247	9,713	13,626	83,780	90
1989	113,009	326	5,073	9,828	12,895	84,770	117
1988	112,438	345	4,921	9,471	11,686	85,885	130
1987	110,185	338	4,512	9,372	10,883	84,920	160
1986	107,173	343	4,124	9,013	10,349	83,189	155
1985	106,368	317	4,031	8,427	9,733	83,707	153
FEMALES							
1999	114,341	370	6,474	8,719	12,292	86,449	37
1998	111,811	364	6,006	8,340	11,655	85,408	38
1997	110,412	373	5,893	8,266	11,410	84,436	34
1996	108,435	329	5,387	8,322	10,827	83,528	42
1995	106,427	325	5,212	8,014	10,233	82,600	43
1994	106,350	308	5,013	8,055	9,722	83,225	27
1993	104,447	274	4,591	7,963	9,823	81,771	25
1992	101,313	245	4,363	7,755	9,345	79,581	24
1991	101,113	234	4,182	7,580	8,920	80,136	61
1990	101,030	221	3,770	7,611	8,779	80,611	38
1989	102,921	265	3,555	7,761	8,269	83,008	63
1988	102,747	274	3,371	7,685	7,527	83,812	78
1987	99,210	254	2,952	7,319	6,972	81,625	88
1986	95,653	240	2,712	6,771	6,482	79,374	74
1985	95,447	276	2,678	6,632	6,596	79,186	79

Note: American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Unknown includes Not Stated.

Source: State of California, Department of Health Services, Death Records.

TABLE5-3. DEATHS BY SEX AND RACE, CALIFORNIA, 1990-1999 (By Place of Residence)

RACE AND SEX	YEAR									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
TOTAL	213,766	214,220	214,586	220,271	222,854	222,626	222,308	223,438	225,450	227,965
AMERICAN INDIAN	542	578	605	667	698	773	782	854	859	850
BLACK	17,404	17,642	17,736	18,341	18,364	18,120	18,029	17,593	17,712	17,959
CAMBODIAN	159	189	187	200	217	204	236	234	229	223
CHINESE	2,581	2,924	2,983	3,074	3,340	3,368	3,495	3,631	3,781	4,122
ESKIMO/ALEUT	1	5	6	4	3	9	8	2	4	4
FILIPINO	2,439	2,671	2,860	3,000	3,214	3,394	3,427	3,602	3,792	3,899
INDIAN (INDIA)	283	332	354	420	461	440	475	545	588	595
JAPANESE	1,555	1,616	1,613	1,681	1,771	1,770	1,841	1,907	2,028	1,982
KOREAN	691	678	785	856	886	928	997	1,074	1,070	1,132
LAOTIAN	a	a	a	a	242	266	293	241	225	215
PACIFIC ISLANDER	364	422	434	388	409	452	439	493	489	587
THAI	46	52	37	59	63	68	75	80	76	87
VIETNAMESE	555	611	688	819	864	915	942	1,021	1,003	1,101
WHITE	186,568	185,849	185,690	190,160	191,962	191,463	190,821	191,667	193,088	194,702
OTHER ASIAN	401 a	424 a	460 a	480 a	266	301	309	377	378	376
OTHER	36	42	41	37	26	15	23	18	23	26
NOT STATED	141	185	107	85	68	140	116	99	105	105
MALES	112,736	113,107	113,273	115,824	116,504	116,199	113,873	113,026	113,639	113,624
AMERICAN INDIAN	303	331	351	381	382	435	436	463	470	449
BLACK	9,761	10,033	9,947	10,339	10,283	10,065	9,661	9,290	9,326	9,187
CAMBODIAN	96	109	110	113	119	112	122	127	115	115
CHINESE	1,477	1,648	1,683	1,718	1,827	1,831	1,914	1,990	2,079	2,226
ESKIMO/ALEUT	1	3	4	2	-	6	5	-	1	3
FILIPINO	1,575	1,705	1,827	1,912	2,037	2,136	2,107	2,126	2,253	2,244
INDIAN (INDIA)	190	193	216	262	288	272	281	319	366	349
JAPANESE	776	818	809	887	906	908	965	937	1,031	985
KOREAN	348	347	440	456	457	446	524	558	558	549
LAOTIAN	a	a	a	a	149	154	162	131	124	126
PACIFIC ISLANDER	209	261	266	225	250	282	282	269	287	344
THAI	22	24	15	30	36	30	28	49	37	36
VIETNAMESE	341	355	400	479	481	520	556	546	556	627
WHITE	97,262	96,876	96,840	98,656	99,083	98,724	96,558	95,911	96,142	96,086
OTHER ASIAN	257 a	256 a	260 a	281 a	150	176	182	232	220	213
OTHER	18	26	23	23	15	5	17	14	8	17
NOT STATED	100	122	82	60	41	97	73	64	66	68
FEMALES	101,030	101,113	101,313	104,447	106,350	106,427	108,435	110,412	111,811	114,341
AMERICAN INDIAN	239	247	254	286	316	338	346	391	389	401
BLACK	7,643	7,609	7,789	8,002	8,081	8,055	8,368	8,303	8,386	8,772
CAMBODIAN	63	80	77	87	98	92	114	107	114	108
CHINESE	1,104	1,276	1,300	1,356	1,513	1,537	1,581	1,641	1,702	1,896
ESKIMO/ALEUT	-	2	2	2	3	3	3	2	3	1
FILIPINO	864	966	1,033	1,088	1,177	1,258	1,320	1,476	1,539	1,655
INDIAN (INDIA)	93	139	138	158	173	168	194	226	222	246
JAPANESE	779	798	804	794	865	862	876	970	997	997
KOREAN	343	331	345	400	429	482	473	516	512	583
LAOTIAN	a	a	a	a	93	112	131	110	101	89
PACIFIC ISLANDER	155	161	168	163	159	170	157	224	202	243
THAI	24	28	22	29	27	38	47	31	39	51
VIETNAMESE	214	256	288	340	383	395	386	475	447	474
WHITE	89,306	88,973	88,850	91,504	92,879	92,739	94,263	95,756	96,946	98,616
OTHER ASIAN	144 a	168 a	200 a	199 a	116	125	127	145	158	163
OTHER	18	16	18	14	11	10	6	4	15	9
NOT STATED	41	63	25	25	27	43	43	35	39	37

Note: Race categories reported on death certificates.
 - Represents zero events.

a Laotian deaths are included in Other Asian.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-4. DEATHS 1980-1999 AND AGE-SPECIFIC DEATH RATES 1990-1999, CALIFORNIA (By Place of Residence)

(Rates are per 100,000 population in specified groups.)

YEAR	ALL AGES	AGE IN YEARS												85 AND OVER	NOT STATED
		UNDER 1 YEAR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84		
NUMBER OF DEATHS															
1999	227,965	2,787	595	356	437	1,298	1,720	4,296	9,109	15,907	22,454	41,620	66,388	60,926	72
1998	225,450	2,994	581	372	470	1,378	1,804	4,623	9,453	15,349	22,304	42,621	65,285	58,118	98
1997	223,438	3,091	647	408	437	1,511	1,853	5,034	9,656	15,156	21,973	42,887	64,116	56,584	85
1996	222,308	3,186	734	398	483	1,586	1,961	6,025	11,137	15,134	21,855	43,635	62,225	53,856	93
1995	222,626	3,478	757	430	527	1,734	2,372	7,215	12,113	15,133	22,289	44,421	60,322	51,741	94
1994	222,854	3,948	790	456	519	1,770	2,385	7,647	12,315	14,912	22,481	45,014	60,099	50,432	86
1993	220,271	3,970	934	475	543	1,811	2,652	7,875	12,151	14,304	22,826	45,079	58,916	48,635	100
1992	214,586	4,174	850	394	506	1,778	2,678	7,735	11,761	13,684	23,235	45,005	56,970	45,688	128
1991	214,220	4,596	872	450	520	1,943	2,769	7,726	11,317	13,251	23,796	45,031	56,654	45,115	180
1990	213,766	4,828	933	436	494	1,819	2,910	8,125	10,835	13,107	24,437	45,196	55,890	44,594	162
1989	215,930	4,853	923	467	462	1,856	2,744	8,152	10,527	12,931	25,469	45,629	56,571	45,186	160
1988	215,185	4,559	881	500	453	1,784	2,773	7,596	9,713	12,531	26,352	46,433	56,570	44,876	164
1987	209,395	4,530	914	466	438	1,770	2,853	7,476	9,071	12,167	26,487	45,374	54,476	43,212	161
1986	202,826	4,298	850	426	462	1,831	2,911	7,459	8,596	11,769	26,495	44,975	52,035	40,535	184
1985	201,815	4,475	885	439	449	1,677	2,834	6,713	7,664	11,648	27,077	44,395	52,433	40,968	158
1984	195,470	4,212	866	400	484	1,663	2,851	6,355	7,135	11,494	27,303	43,453	50,422	38,683	149
1983	188,018	4,226	873	445	477	1,608	2,699	5,828	6,470	11,586	27,011	41,733	48,241	36,670	151
1982	188,255	4,218	819	408	499	1,738	2,937	5,954	6,288	12,039	27,332	42,472	47,752	35,682	117
1981	184,732	4,276	874	418	523	1,942	3,014	6,070	6,100	12,364	26,870	41,391	46,104	34,646	140
1980	186,428	4,451	819	475	540	2,255	3,190	5,971	6,148	12,657	27,173	41,608	46,381	34,613	147
DEATH RATES															
1999	669.1	503.5	26.8	12.0	17.6	55.9	79.4	84.4	159.7	371.3	848.0	2139.1	5217.0	14201.3	
1998	673.1	573.5	26.3	12.9	19.6	61.7	84.9	88.7	167.5	371.5	877.4	2187.0	5279.7	14296.5	
1997	678.0	586.7	28.8	14.7	18.6	69.4	87.8	95.1	174.9	381.5	903.2	2199.7	5320.2	14451.0	
1996	686.5	589.3	31.9	15.1	21.2	75.2	93.0	112.5	206.2	397.6	926.1	2233.0	5356.4	14511.9	
1995	694.3	629.3	32.1	17.2	23.4	85.0	107.5	131.9	229.2	415.3	962.7	2273.7	5375.7	14625.2	
1994	701.0	688.6	33.8	18.8	23.3	88.5	103.1	137.3	237.8	427.5	982.4	2308.9	5500.2	14807.2	
1993	698.9	681.5	40.9	20.0	24.9	91.2	109.5	139.2	239.4	428.3	1006.3	2312.8	5524.1	14711.7	
1992	688.1	681.1	39.1	16.9	23.8	88.6	107.6	134.7	236.8	430.7	1027.5	2323.5	5476.1	14299.5	
1991	700.9	754.2	43.0	19.8	25.2	96.1	109.4	134.7	233.8	442.7	1059.3	2367.6	5608.8	14748.2	
1990	713.9	882.1	48.0	19.6	24.9	86.6	114.4	142.2	234.0	453.8	1091.9	2433.7	5716.3	15199.9	

Note: Rates are per 100,000 population.

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 Estimates by age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-5. AGE-SPECIFIC DEATH RATES BY SEX, CALIFORNIA, 1990-1999 (By Place of Residence)
(Rates are per 100,000 population in specified groups)

SEX AND AGE	YEAR										1990-1999 % Change
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
TOTAL											
1-4 Years	48.0	43.0	39.1	40.9	33.8	32.1	31.9	28.8	26.3	26.8	-44.2
5-14 Years	22.1	22.4	20.2	22.3	20.9	20.1	17.9	16.5	15.9	14.6	-33.9
15-24 Years	101.8	103.5	99.1	101.3	96.3	96.7	84.1	78.5	73.0	67.2	-34.0
25-34 Years	142.2	134.7	134.7	139.2	137.3	131.9	112.5	95.1	88.7	84.4	-40.6
35-44 Years	234.0	233.8	236.8	239.4	237.8	229.2	206.2	174.9	167.5	159.7	-31.8
45-54 Years	453.8	442.7	430.7	428.3	427.5	415.3	397.6	381.5	371.5	371.3	-18.2
55-64 Years	1091.9	1059.3	1027.5	1006.3	982.4	962.7	926.1	903.2	877.4	848.0	-22.3
65-74 Years	2433.7	2367.6	2323.5	2312.8	2308.9	2273.7	2233.0	2199.7	2187.0	2139.1	-12.1
75-84 Years	5716.3	5608.8	5476.1	5524.1	5500.2	5375.7	5356.4	5320.2	5279.7	5217.0	-8.7
85 and over	15199.9	14748.2	14299.5	14711.7	14807.2	14625.2	14511.8	14450.7	14296.5	14201.3	-6.6
MALES											
1-4 Years	52.4	44.6	41.4	44.6	39.3	36.8	33.5	31.5	28.6	29.7	-43.3
5-14 Years	26.0	27.1	23.1	26.8	25.6	23.7	20.8	19.9	18.5	16.2	-37.7
15-24 Years	150.0	153.8	148.7	153.7	145.7	145.3	125.5	116.1	106.8	97.3	-35.1
25-34 Years	213.3	200.9	201.8	208.3	202.0	193.5	156.8	131.2	120.2	113.4	-46.8
35-44 Years	336.6	335.4	343.3	348.4	341.3	327.6	281.0	228.6	215.1	204.0	-39.4
45-54 Years	578.6	572.7	564.4	552.4	554.9	540.4	509.6	480.2	473.2	466.4	-19.4
55-64 Years	1386.9	1326.0	1283.9	1250.2	1217.6	1200.5	1126.1	1094.5	1074.7	1021.6	-26.3
65-74 Years	3092.5	3008.4	2919.1	2900.6	2879.0	2838.3	2752.1	2694.1	2668.1	2582.5	-16.5
75-84 Years	7230.0	7074.5	6883.3	6930.7	6833.4	6667.9	6671.1	6530.5	6474.8	6330.2	-12.4
85 and over	17307.0	16915.0	16324.5	16834.3	17056.1	16691.7	16390.8	16443.0	16008.6	15660.2	-9.5
FEMALES											
1-4 Years	43.3	41.3	36.8	37.2	27.9	27.2	30.3	26.0	23.9	23.8	-45.0
5-14 Years	18.0	17.3	17.1	17.6	16.0	16.4	14.9	12.9	13.3	12.9	-28.3
15-24 Years	46.9	46.6	43.3	42.7	41.7	43.3	39.0	37.6	36.7	34.7	-26.0
25-34 Years	65.7	63.2	61.8	63.6	65.9	63.3	62.9	54.4	53.4	51.9	-21.0
35-44 Years	129.9	130.5	128.5	128.3	131.9	128.1	129.0	119.4	118.0	113.5	-12.6
45-54 Years	331.2	314.6	298.8	306.0	302.2	292.3	287.4	284.3	271.2	277.5	-16.2
55-64 Years	823.5	813.9	789.6	778.4	761.4	738.6	737.0	722.0	690.5	683.3	-17.0
65-74 Years	1905.2	1854.1	1845.8	1840.6	1849.5	1815.6	1807.7	1791.3	1786.5	1765.4	-7.3
75-84 Years	4751.7	4666.3	4562.5	4604.2	4622.3	4519.5	4476.5	4499.8	4464.3	4449.0	-6.4
85 and over	14338.1	13850.7	13448.3	13819.4	13857.4	13742.6	13697.0	13568.6	13531.2	13537.1	-5.6

Note: See Chapter 4, Table 4-1 for infant mortality rates.

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 Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-6. DEATHS BY AGE AND RACE/ETHNICITY, CALIFORNIA, 1990, 1995-1999 (By Place of Residence)

YEAR	TOTAL	AGE IN YEARS													
		UNDER 1 YEAR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	NOT STATED
TOTAL															
1999	227,965	2,787	595	356	437	1,298	1,720	4,296	9,109	15,907	22,454	41,620	66,388	60,926	72
1998	225,450	2,994	581	372	470	1,378	1,804	4,623	9,453	15,349	22,304	42,621	65,285	58,118	98
1997	223,438	3,091	647	408	437	1,511	1,853	5,034	9,656	15,156	21,973	42,887	64,116	56,584	85
1996	222,308	3,186	734	398	483	1,586	1,961	6,025	11,137	15,134	21,855	43,635	62,225	53,856	93
1995	222,626	3,478	757	430	527	1,734	2,372	7,215	12,113	15,133	22,289	44,421	60,322	51,741	94
1990	213,766	4,828	933	436	494	1,819	2,910	8,125	10,835	13,107	24,437	45,196	55,890	44,594	162
AMERICAN INDIAN															
1999	772	13	3	1	2	6	7	33	71	81	115	165	173	102	-
1998	798	21	4	-	4	11	21	42	67	106	123	155	158	86	-
1997	800	10	5	2	-	9	16	49	73	94	129	146	171	96	-
1996	740	12	5	2	6	12	16	45	69	96	125	135	141	76	-
1995	749	20	3	-	2	14	16	51	91	86	123	148	122	72	1
1990	501	10	2	1	1	10	12	50	52	55	83	85	69	71	-
ASIAN/PACIFIC ISLANDER															
1999	14,246	212	54	38	46	129	120	306	590	1,113	1,653	2,948	4,001	3,034	2
1998	13,591	229	45	27	54	125	134	313	553	1,093	1,579	2,864	3,809	2,763	3
1997	13,144	227	59	44	54	143	145	313	580	1,019	1,579	2,893	3,553	2,534	1
1996	12,475	230	59	34	45	123	162	325	579	951	1,484	2,798	3,394	2,291	-
1995	12,037	251	45	44	55	141	153	345	616	937	1,466	2,555	3,170	2,257	2
1990	9,017	287	101	41	32	125	155	328	448	637	1,224	1,982	2,237	1,416	4
BLACK															
1999	17,842	439	74	48	59	156	234	545	1,281	2,070	2,631	3,484	4,029	2,787	5
1998	17,607	481	70	58	63	179	241	637	1,321	2,053	2,620	3,512	3,841	2,528	3
1997	17,480	475	75	53	48	177	290	739	1,384	1,941	2,611	3,501	3,680	2,499	7
1996	17,925	517	103	45	54	225	291	909	1,727	2,085	2,509	3,524	3,588	2,344	4
1995	18,011	552	103	58	68	252	358	1,160	1,776	2,026	2,478	3,567	3,418	2,192	3
1990	17,324	803	134	61	74	267	440	1,204	1,441	1,728	2,582	3,539	3,203	1,832	16
HISPANIC															
1999	27,907	1,297	283	146	167	547	737	1,542	2,121	2,719	3,224	5,357	5,545	4,201	21
1998	26,979	1,351	270	169	167	544	769	1,534	2,113	2,475	3,225	5,207	5,160	3,965	30
1997	26,470	1,396	270	142	131	638	785	1,677	2,124	2,538	3,039	4,964	4,818	3,931	17
1996	26,128	1,380	316	161	191	684	808	1,888	2,407	2,407	2,978	4,749	4,581	3,552	26
1995	25,901	1,472	330	165	184	730	1,053	2,148	2,507	2,284	2,911	4,566	4,180	3,340	31
1990	22,405	1,805	336	152	156	695	1,105	2,138	1,858	1,767	2,743	3,494	3,518	2,590	48
WHITE/OTHER RACES															
1998	167,094	821	181	122	162	460	622	1,868	5,042	9,907	14,815	29,652	52,621	50,792	29
1998	166,374	906	192	118	182	519	639	2,094	5,394	9,616	14,743	30,866	52,300	48,767	38
1997	165,448	981	238	167	204	544	616	2,252	5,483	9,561	14,608	31,375	51,882	47,513	24
1996	164,929	1,042	251	156	187	542	684	2,852	6,345	9,585	14,745	32,419	50,498	45,584	39
1995	165,793	1,174	276	163	218	596	791	3,504	7,105	9,781	15,299	33,567	49,415	43,867	37
1990	164,391	1,909	360	181	231	722	1,198	4,393	7,028	8,911	17,792	36,074	46,839	38,674	79
UNKNOWN															
1998	104	5	-	1	1	-	-	2	4	17	16	14	19	10	15
1998	101	6	-	-	-	-	-	3	5	6	14	17	17	9	24
1997	96	2	-	-	-	-	1	4	12	3	7	8	12	11	36
1996	111	5	-	-	-	-	-	6	10	10	14	10	23	9	24
1995	135	9	-	-	-	1	1	7	18	19	12	18	17	13	20
1990	128	14	-	-	-	-	-	12	8	9	13	22	24	11	15

Note: American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Unknown includes Not Stated.

- Represents zero events.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-7. DEATHS AND AGE-SPECIFIC DEATH RATES BY SEX AND RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence)

(Rates are per 100,000 specified population.)

Age Group	Total Deaths			American Indian			Asian/Pacific Islander			Black			Hispanic			White		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Deaths:																		
All ages	227,965	113,624	114,341	772	402	370	14,246	7,772	6,474	17,842	9,123	8,719	27,907	15,615	12,292	167,198	80,712	86,486
Under 1 year	2,787	1,530	1,257	13	6	7	212	119	93	439	227	212	1,297	720	577	826	458	368
1-4	595	337	258	3	0	3	54	34	20	74	40	34	283	158	125	181	105	76
5-9	356	188	168	1	1	0	38	18	20	48	26	22	146	77	69	123	66	57
10-14	437	264	173	2	1	1	46	22	24	59	31	28	167	102	65	163	108	55
15-19	1,298	945	353	6	5	1	129	92	37	156	119	37	547	421	126	460	308	152
20-24	1,720	1,323	397	7	5	2	120	82	38	234	185	49	737	600	137	622	451	171
25-29	1,839	1,329	510	13	9	4	130	85	45	242	177	65	737	570	167	717	488	229
30-34	2,457	1,725	732	20	13	7	176	116	60	303	201	102	805	605	200	1,153	790	363
35-39	3,739	2,482	1,257	24	14	10	233	142	91	512	301	211	964	701	263	2,006	1,324	682
40-44	5,370	3,459	1,911	47	26	21	357	211	146	769	465	304	1,157	790	367	3,040	1,967	1,073
45-49	7,361	4,651	2,710	41	32	9	520	289	231	996	599	397	1,351	914	437	4,453	2,817	1,636
50-54	8,546	5,271	3,275	40	20	20	593	327	266	1,074	656	418	1,368	865	503	5,471	3,403	2,068
55-59	9,938	5,909	4,029	59	38	21	699	416	283	1,180	676	504	1,434	841	593	6,566	3,938	2,628
60-64	12,516	7,262	5,254	56	29	27	954	571	383	1,451	853	598	1,790	1,050	740	8,265	4,759	3,506
65-69	17,063	9,545	7,518	67	46	21	1,219	661	558	1,581	813	768	2,476	1,353	1,123	11,720	6,672	5,048
70-74	24,557	13,435	11,122	98	45	53	1,729	958	771	1,903	979	924	2,881	1,549	1,332	17,946	9,904	8,042
75-79	32,290	16,727	15,563	104	52	52	2,058	1,161	897	2,159	1,053	1,106	3,014	1,640	1,374	24,955	12,821	12,134
80-84	34,098	16,160	17,938	69	35	34	1,943	982	961	1,870	818	1,052	2,531	1,127	1,404	27,685	13,198	14,487
85-89	30,969	12,398	18,571	54	11	43	1,680	876	804	1,481	551	930	2,119	820	1,299	25,635	10,140	15,495
90 years & over	29,957	8,621	21,336	48	14	34	1,354	608	746	1,306	349	957	2,082	691	1,391	25,167	6,959	18,208
Not stated	72	63	9	0	0	0	2	2	0	5	4	1	21	21	0	44	36	8
Death Rates:																		
All ages	669.1	664.5	673.7	380.6	404.5	357.7	369.4	409.3	330.7	768.7	795.5	742.6	269.6	291.1	246.4	964.3	939.5	988.6
Under 1 year	503.5	540.6	464.8	480.1	432.6	529.9	336.4	369.0	302.2	1,172.7	1,185.6	1,159.2	491.4	533.7	447.1	443.2	480.3	404.3
1-4	26.8	29.7	23.8	a	-	a	21.6	26.5	16.5	49.3	52.3	46.2	27.1	29.7	24.5	23.7	26.8	20.4
5-9	12.0	12.4	11.6	a	a	-	11.7	10.8	12.7	21.8	23.3	20.3	11.4	11.8	11.0	11.0	11.4	10.4
10-14	17.6	20.8	14.3	a	a	a	16.1	15.0	17.3	30.6	31.8	29.4	18.4	21.9	14.6	15.1	19.5	10.5
15-19	55.9	78.9	31.3	39.9	65.0	a	45.5	63.4	26.8	88.0	129.8	43.2	67.3	101.0	31.9	44.4	57.4	30.4
20-24	79.4	116.7	38.4	47.9	65.5	a	44.3	59.0	28.8	133.6	195.5	60.9	99.1	155.0	38.4	64.6	89.3	37.4
25-29	76.7	104.3	45.4	86.1	115.1	a	43.3	55.2	30.7	137.5	187.5	79.7	85.6	119.2	43.7	68.6	90.5	45.2
30-34	91.3	121.5	57.6	130.9	167.2	93.3	57.7	76.2	39.3	163.1	211.2	112.6	84.6	112.8	48.1	93.5	125.6	60.1
35-39	127.2	164.0	88.2	135.7	160.9	111.3	70.9	88.5	54.0	253.6	301.8	206.6	110.9	149.1	65.9	131.9	171.0	91.4
40-44	194.2	247.4	139.9	277.9	326.8	234.4	110.9	136.5	87.3	413.6	522.8	313.5	162.6	212.3	108.1	198.9	253.9	142.4
45-49	314.8	398.9	231.2	266.9	445.2	110.1	184.7	216.4	156.2	638.6	809.6	484.2	254.6	336.7	168.6	328.7	414.4	242.4
50-54	439.1	548.1	332.6	290.4	309.6	273.4	271.7	317.3	230.9	907.6	1,190.7	661.0	358.6	451.8	264.7	450.5	561.9	339.6
55-59	671.9	815.5	534.0	552.4	748.9	374.5	447.4	555.4	348.0	1,297.0	1,605.8	1,031.1	527.7	632.0	427.6	691.6	838.9	547.6
60-64	1,070.9	1,286.0	869.8	711.0	764.0	661.8	760.1	967.8	575.8	1,972.7	2,478.4	1,527.9	854.9	1,046.9	678.3	1,098.4	1,296.1	910.1
65-69	1,677.3	1,991.5	1,397.5	1,140.2	1,658.3	677.0	1,144.2	1,391.8	945.0	2,784.0	3,227.3	2,430.6	1,445.1	1,698.5	1,224.9	1,731.9	2,058.1	1,431.9
70-74	2,645.0	3,272.6	2,147.6	1,995.5	2,037.1	1,961.5	1,877.6	2,437.0	1,461.0	4,050.7	4,956.7	3,393.6	2,082.4	2,532.6	1,725.7	2,777.6	3,437.7	2,246.4
75-79	4,165.8	5,121.4	3,469.9	2,881.7	3,478.3	2,459.8	2,948.9	3,804.7	2,284.0	5,863.8	7,302.9	4,937.5	3,106.7	3,917.3	2,491.4	4,394.3	5,379.8	3,681.7
80-84	6,855.2	8,377.0	5,891.2	3,057.2	3,937.0	2,485.4	4,776.0	5,631.4	4,134.2	8,524.4	10,674.7	7,370.0	4,595.5	5,371.8	4,117.8	7,334.8	9,043.4	6,257.7
85-89	10,971.3	13,044.5	9,918.9	3,921.6	2,204.4	4,897.5	7,913.7	9,371.0	6,767.1	12,308.8	14,697.3	11,227.8	6,409.8	7,155.3	6,014.2	11,946.8	14,488.2	10,716.7
90 years & over	20,414.6	22,006.4	19,834.9	5,079.4	4,713.8	5,246.9	11,628.3	11,842.6	11,459.3	23,135.5	24,769.3	22,592.1	10,037.1	10,298.1	9,912.3	23,353.4	27,157.1	22,166.8

Note: American Indian, Asian/Pacific Islander, Black and White exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. White includes Other Races, Not Stated, and Unknown.

a Rates are not calculated for fewer than five events.

- Represents zero events.

Source: State of California. Department of Health Services, Death Records.

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-8. DEATHS BY AGE, SEX, AND RACE, CALIFORNIA, 1998 (By Place of Residence)

SEX AND RACE	ALL AGES	AGE IN YEARS													90 YEARS & OVER	AGE UNKNOWN
		UNDER 1 YEAR	1 - 14	15-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89		
CALIFORNIA	227,965	2,787	1,388	3,018	4,296	9,109	15,907	9,938	12,516	17,063	24,557	32,290	34,098	30,969	29,957	72
AMERICAN INDIAN	850	18	7	17	41	74	92	68	62	76	101	107	76	58	53	-
BLACK	17,959	456	189	398	554	1,298	2,083	1,183	1,453	1,591	1,913	2,161	1,877	1,489	1,309	5
CAMBODIAN	223	9	6	10	9	11	31	17	23	25	14	21	24	17	6	-
CHINESE	4,122	31	27	38	57	127	253	130	205	332	499	687	675	600	461	-
ESKIMO/ALEUT	4	-	-	-	1	1	-	1	-	1	-	-	-	-	-	-
FILIPINO	3,899	55	23	54	68	152	333	194	273	301	491	529	474	536	416	-
INDIAN (INDIA)	595	23	9	21	32	39	51	35	56	60	77	69	65	27	31	-
JAPANESE	1,982	8	6	9	14	49	95	65	91	198	292	347	335	211	262	-
KOREAN	1,132	10	12	22	26	55	100	72	103	87	122	144	151	143	85	-
LAOTIAN	215	10	4	10	8	14	21	22	19	12	24	28	21	12	10	-
PACIFIC ISLANDER	587	20	11	24	34	39	63	54	61	64	67	68	43	27	12	-
THAI	87	2	3	3	-	11	20	10	5	5	8	9	8	-	3	-
VIETNAMESE	1,101	34	19	41	46	74	116	74	94	121	109	118	106	90	58	1
WHITE	194,702	2,089	1,051	2,352	3,386	7,137	12,584	7,976	10,029	14,161	20,793	27,943	30,191	27,731	27,229	50
OTHER ASIAN	376	15	19	18	17	21	43	29	32	21	35	44	46	21	14	1
OTHER	26	2	-	1	1	3	5	2	-	5	1	1	-	4	1	-
NOT STATED	105	5	2	-	2	4	17	6	10	3	11	14	6	3	7	15
MALE	113,624	1,530	789	2,268	3,054	5,941	9,922	5,909	7,262	9,545	13,435	16,727	16,160	12,398	8,621	63
AMERICAN INDIAN	449	9	3	14	28	42	61	45	32	48	46	54	39	11	17	-
BLACK	9,187	237	103	309	381	776	1,264	677	855	818	987	1,053	819	554	350	4
CAMBODIAN	115	5	3	6	3	7	15	13	14	16	6	11	10	4	2	-
CHINESE	2,226	12	13	28	32	64	134	76	131	190	305	405	345	318	173	-
ESKIMO/ALEUT	3	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-
FILIPINO	2,244	32	12	35	49	88	164	115	167	179	283	281	241	315	283	-
INDIAN (INDIA)	349	13	2	10	17	30	34	23	37	34	33	43	43	16	14	-
JAPANESE	985	4	3	6	8	34	57	37	46	64	137	206	194	110	79	-
KOREAN	549	7	4	13	21	26	56	41	62	42	64	72	61	53	27	-
LAOTIAN	126	7	2	10	6	9	13	14	9	8	11	19	6	7	5	-
PACIFIC ISLANDER	344	14	7	19	25	22	39	30	43	37	36	36	19	13	4	-
THAI	36	1	3	3	-	6	9	5	1	2	2	3	1	-	-	-
VIETNAMESE	627	16	11	33	33	55	73	48	55	79	70	59	43	34	17	1
WHITE	96,086	1,158	608	1,769	2,439	4,761	7,959	4,765	5,790	8,009	11,430	14,447	14,314	10,953	7,639	45
OTHER ASIAN	213	11	14	12	11	14	27	16	12	13	17	29	23	7	6	1
OTHER	17	2	-	1	-	3	5	1	-	3	-	-	-	1	1	-
NOT STATED	68	2	1	-	1	3	12	2	8	2	8	9	2	2	4	12
FEMALE	114,341	1,257	599	750	1,242	3,168	5,985	4,029	5,254	7,518	11,122	15,563	17,938	18,571	21,336	9
AMERICAN INDIAN	401	9	4	3	13	32	31	23	30	28	55	53	37	47	36	-
BLACK	8,772	219	86	89	173	522	819	506	598	773	926	1,108	1,058	935	959	1
CAMBODIAN	108	4	3	4	6	4	16	4	9	9	8	10	14	13	4	-
CHINESE	1,896	19	14	10	25	63	119	54	74	142	194	282	330	282	288	-
ESKIMO/ALEUT	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	1,655	23	11	19	19	64	169	79	106	122	208	248	233	221	133	-
INDIAN (INDIA)	246	10	7	11	15	9	17	12	19	26	44	26	22	11	17	-
JAPANESE	997	4	3	3	6	15	38	28	45	134	155	141	141	101	183	-
KOREAN	583	3	8	9	5	29	44	31	41	45	58	72	90	90	58	-
LAOTIAN	89	3	2	-	2	5	8	8	10	4	13	9	15	5	5	-
PACIFIC ISLANDER	243	6	4	5	9	17	24	24	18	27	31	32	24	14	8	-
THAI	51	1	-	-	-	5	11	5	4	3	6	6	7	-	3	-
VIETNAMESE	474	18	8	8	13	19	43	26	39	42	39	59	63	56	41	-
WHITE	98,616	931	443	583	947	2,376	4,625	3,211	4,239	6,152	9,363	13,496	15,877	16,778	19,590	5
OTHER ASIAN	163	4	5	6	6	7	16	13	20	8	18	15	23	14	8	-
OTHER	9	-	-	-	1	-	-	1	-	2	1	1	-	3	-	-
NOT STATED	37	3	1	-	1	1	5	4	2	1	3	5	4	1	3	3

Note: Race categories reported on death certificates.

- Represents zero events.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-9. AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY AND SEX, CALIFORNIA 1990,1995-1999 (By Place of Residence) - Cont.

(Rates are per 100,000 population in specified group.)

Age	Total Deaths			Asian/Pacific Islander			Black			Hispanic			White		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Under 1 year															
1999	503.5	540.6	464.8	336.4	369.0	302.2	1172.7	1185.6	1159.2	491.4	533.7	447.1	443.2	480.3	404.3
1998	573.5	610.7	534.7	403.7	377.5	431.8	1362.8	1448.6	1272.5	545.4	575.3	514.6	507.4	566.8	445.2
1997	586.7	616.7	555.1	393.1	401.3	384.4	1297.5	1300.9	1293.9	558.8	574.1	542.9	545.5	611.4	476.1
1996	589.3	639.3	536.9	396.3	440.3	349.2	1387.0	1446.8	1325.2	546.3	626.6	462.9	551.0	561.8	539.6
1995	629.3	693.4	562.4	430.5	479.8	378.1	1390.9	1461.0	1319.3	579.9	637.3	520.5	597.0	674.9	514.8
1990	882.1	987.6	771.6	593.6	369.0	302.2	1799.8	1185.6	1159.2	861.9	533.7	447.1	795.2	480.3	404.3
1-4 Years															
1999	26.8	29.7	23.8	21.6	26.5	16.5	49.3	52.3	46.2	27.1	29.7	24.5	23.7	26.8	20.4
1998	26.3	28.6	23.9	18.4	13.5	23.6	44.5	47.5	41.3	26.4	28.3	24.3	24.8	29.4	19.9
1997	28.8	31.5	26.0	24.2	26.3	22.0	46.1	49.7	42.5	26.3	29.4	23.0	29.6	32.3	26.9
1996	31.9	33.5	30.3	24.2	25.5	22.8	60.4	54.4	66.6	30.5	34.3	26.6	29.9	30.9	28.9
1995	32.1	36.8	27.2	18.5	22.3	14.4	58.0	64.4	51.5	31.9	34.9	28.8	31.0	37.6	24.0
1990	48.0	52.4	43.3	55.4	26.5	16.5	84.5	52.3	46.2	47.4	29.7	24.5	40.7	26.8	20.4
5-14 Years															
1999	14.6	16.2	12.9	13.8	12.8	14.8	25.9	27.3	24.6	14.3	16.0	12.5	13.0	15.4	10.5
1998	15.9	18.5	13.3	13.8	16.6	10.8	29.2	39.1	19.1	16.4	18.9	13.7	13.6	14.9	12.3
1997	16.5	19.9	12.9	17.4	16.6	18.2	25.1	31.9	18.1	14.1	17.2	10.8	16.9	21.1	12.5
1996	17.9	20.8	14.9	14.7	19.0	10.3	25.5	28.5	22.5	19.4	21.6	17.1	16.0	19.0	12.9
1995	20.1	23.7	16.4	19.3	22.5	15.9	33.4	45.0	21.5	20.3	24.1	16.4	18.0	20.1	15.7
1990	22.1	26.0	18.0	17.2	12.8	14.8	40.0	27.3	24.6	21.1	16.0	12.5	21.1	15.4	10.5
15-24 Years															
1999	67.2	97.3	34.7	44.9	61.3	27.7	110.7	163.2	51.8	82.5	127.0	35.0	54.1	72.9	33.7
1998	73.0	106.8	36.7	48.3	66.1	29.5	119.1	176.7	55.5	87.9	137.8	34.6	59.6	80.9	36.4
1997	78.5	116.3	37.6	55.4	73.9	36.0	133.6	203.0	55.9	97.0	151.4	38.3	60.4	84.4	34.3
1996	84.1	125.5	39.0	56.5	81.7	29.8	149.3	220.2	69.9	103.9	165.3	36.8	64.5	89.2	37.5
1995	96.7	145.3	43.3	59.4	86.2	30.9	177.3	271.4	72.5	122.1	193.2	42.6	72.4	100.3	42.1
1990	101.8	150.0	46.9	62.0	61.3	27.7	199.3	163.2	51.8	109.1	127.0	35.0	89.0	72.9	33.7
25-34 Years															
1999	84.4	113.4	51.9	50.6	65.6	35.1	150.7	199.4	97.0	85.1	115.8	46.0	82.1	109.4	53.3
1998	88.7	120.2	53.4	52.5	71.5	33.2	165.0	214.3	111.3	84.3	115.8	44.0	88.2	119.3	55.6
1997	95.1	131.2	54.4	53.8	70.9	36.4	189.7	258.5	115.6	92.1	128.2	46.0	91.2	126.3	54.4
1996	112.5	156.8	62.9	57.3	73.7	40.7	230.0	332.1	121.5	104.4	146.6	50.7	111.9	154.8	66.7
1995	131.9	193.5	63.3	61.5	78.6	44.5	288.3	409.8	160.9	118.9	177.1	45.3	131.5	195.9	63.7
1990	142.2	213.3	65.7	62.0	65.6	35.1	284.5	199.4	97.0	133.6	115.8	46.0	140.9	109.4	53.3
35-44 Years															
1999	159.7	204.0	113.5	90.7	112.0	70.6	330.3	406.0	258.6	134.1	177.0	85.3	165.5	212.5	117.0
1998	167.5	215.1	118.0	86.9	112.6	62.9	336.4	422.4	254.8	140.5	186.3	88.9	175.4	224.3	124.9
1997	174.9	228.6	119.4	93.9	112.0	77.1	262.2	443.8	285.2	148.2	202.2	88.1	179.8	237.3	120.6
1996	206.2	281.0	129.0	96.8	125.6	70.1	464.4	599.1	337.9	175.4	268.6	94.5	210.0	287.9	129.5
1995	229.2	327.6	128.1	106.1	137.2	77.4	489.4	699.2	292.7	192.4	280.0	96.6	236.9	339.3	131.3
1990	234.0	336.6	129.9	96.8	112.0	70.6	466.7	406.0	258.6	190.7	177.0	85.3	246.5	212.5	117.0
45-54 Years															

TABLE 5-9. AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY AND SEX, CALIFORNIA 1990,1995-1999 (By Place of Residence) - Cont.

(Rates are per 100,000 population in specified group.)

Age	Total Deaths			Asian/Pacific Islander			Black			Hispanic			White		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
1999	371.3	466.4	277.5	222.7	260.3	188.9	754.7	972.3	561.2	298.1	384.3	209.2	386.3	483.9	288.5
1998	371.5	473.2	271.2	232.1	301.8	169.5	767.0	990.9	568.4	291.6	377.1	203.8	382.4	484.0	280.6
1997	381.5	480.2	284.3	231.7	276.2	191.5	758.8	964.5	575.9	319.1	417.0	219.1	389.7	489.0	290.4
1996	397.6	509.6	287.4	231.1	293.3	175.0	858.7	1099.5	645.1	322.0	416.5	226.3	403.5	518.6	288.3
1995	415.3	540.4	292.3	244.9	304.6	190.9	878.3	1144.3	642.3	327.0	443.2	210.2	425.0	551.7	298.1
1990	453.8	578.6	331.2	242.0	260.3	188.9	908.9	972.3	561.2	343.3	384.3	209.2	469.6	483.9	288.5
55-64 Years															
1999	848.0	1021.6	683.3	586.7	737.1	450.5	1599.1	1998.3	1252.0	670.1	810.3	538.0	871.5	1039.6	709.0
1998	877.4	1074.7	690.5	587.1	737.4	452.2	1606.5	2021.8	1243.0	709.0	874.7	553.7	901.0	1094.3	714.2
1997	903.2	1094.5	722.0	620.3	814.9	446.8	1652.7	2041.6	1310.3	702.7	849.6	565.6	930.0	1114.7	751.5
1996	926.1	1126.1	737.0	614.7	776.2	471.7	1647.3	2020.0	1319.0	715.6	889.9	554.1	961.8	1157.9	772.1
1995	962.7	1200.5	738.6	637.3	787.7	506.5	1677.8	2101.0	1304.2	725.1	925.7	540.7	1006.5	1250.6	770.6
1990	1091.7	1386.9	823.5	642.4	737.1	450.5	1921.9	1998.3	1252.0	792.0	810.3	538.0	1145.6	1039.6	709.0
65-74 Years															
1999	2139.1	2582.5	1765.4	1484.2	1865.1	1188.5	3357.5	3987.4	2876.3	1729.8	2060.8	1453.8	2242.6	2707.3	1842.3
1998	2187.0	2668.1	1786.5	1483.1	1935.6	1138.1	3336.8	4236.1	2654.8	1738.6	2160.9	1387.6	2303.5	2771.4	1906.3
1997	2199.7	2694.1	1791.3	1553.3	1978.0	1228.7	3365.2	4242.7	2703.2	1708.4	2051.8	1423.3	2309.7	2818.4	1882.4
1996	2233.0	2752.1	1807.8	1565.3	2119.8	1142.2	3448.3	4322.4	2796.5	1695.4	2072.8	1384.9	2344.2	2866.4	1910.1
1995	2273.7	2838.3	1815.6	1492.1	2038.2	1076.1	3513.8	4507.1	2777.4	1709.3	2151.5	1349.1	2391.4	2954.2	1928.6
1990	2433.7	3092.5	1905.2	1539.1	1865.1	1188.5	3696.1	3987.4	2876.3	1742.4	2060.8	1453.8	2534.1	2707.3	1842.3
75-84 Years															
1999	5217.0	6330.2	4449.0	3621.8	4469.0	2971.9	6857.2	8473.0	5884.3	3645.8	4402.8	3112.8	5568.4	6771.2	4744.6
1998	5279.7	6474.8	4464.3	3677.7	4735.4	2892.3	6579.0	8089.8	5671.8	3669.2	4387.8	3176.4	5635.0	6923.2	4758.1
1997	5320.2	6530.5	4499.8	3686.0	4542.7	3040.3	6446.9	8132.2	5447.5	3632.6	4367.7	3138.8	5678.8	6991.8	4790.3
1996	5356.4	6671.1	4476.5	3872.0	4925.2	3075.5	6715.3	8782.7	5510.3	3750.9	4660.1	3160.4	5652.7	7025.6	4733.9
1995	5375.7	6667.9	4519.5	3928.2	4880.8	3192.1	6570.4	8450.6	5477.5	3638.0	4577.9	3037.7	5681.5	7039.4	4783.6
1990	5716.3	7230.0	4751.7	4227.9	4469.0	2971.9	7062.5	8473.0	5884.3	3988.4	4402.8	3112.8	5947.1	6771.2	4744.6
85 Years and Over															
1999	14201.3	15660.2	13537.1	9229.5	10247.2	8428.0	15766.2	17448.6	15073.1	7808.3	8315.9	7549.4	15760.3	17883.6	14864.9
1998	14296.5	16008.6	13531.2	9119.7	10287.2	8235.7	14126.1	15842.3	13408.4	7750.6	8549.3	7333.3	15994.6	18440.3	14988.3
1997	14225.5	16443.0	13568.6	8913.7	10365.5	7800.4	14225.5	16114.8	13425.7	7903.6	8692.9	7476.9	16180.8	19056.1	15021.1
1996	14757.9	16390.8	13697.0	9375.5	10742.6	8330.9	14757.9	16170.5	14169.8	8053.9	8832.7	7633.8	16009.0	18680.2	14949.1
1995	14954.3	16691.7	13742.6	10521.2	12390.6	9102.1	14954.3	17372.8	13974.9	8444.6	9156.1	8057.0	15873.4	18605.6	14801.8
1990	15199.9	17307.0	14338.1	12144.7	10247.2	8428.0	15086.9	17448.6	15073.1	10436.0	8315.9	7549.4	15860.0	17883.6	14864.9

Note: Asian/Pacific Islander, Black, and White excludes Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total Deaths includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

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 Estimates by Age, Sex, and Race/Ethnic Group, May 2000; 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-10. TEN LEADING CAUSES OF DEATH BY SEX WITH PERCENT OF DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES, CALIFORNIA 1999 (BY Palce of Residence)

(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1998** rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	227,965		100.0	669.1	776.8
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	69,900	1	30.7	205.2	243.4
MALIGNANT NEOPLASMS	C00-C97	52,880	2	23.2	155.2	179.5
CEREBROVASCULAR DISEASES	I60-I69	18,079	3	7.9	53.1	63.3
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	13,187	4	5.8	38.7	45.8
ACCIDENTS	V01-X59,Y85-Y86	8,940	5	3.9	26.2	27.5
INFLUENZA & PNEUMONIA	J10-J18	8,014	6	3.5	23.5	28.2
DIABETES	E10-E14	6,004	7	2.6	17.6	20.5
ALZHEIMER'S DISEASE	G30	3,934	8	1.7	11.5	14.0
CHRONIC LIVER DISEASE & CIRRHOSIS	K70,K73-K74	3,546	9	1.6	10.4	11.5
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	3,047	10	1.3	8.9	9.4
ALL OTHER CAUSES	Residual	40,434		17.7		
MALE CAUSE OF DEATH	ICD CODES (Rev. 9)	MALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	113,624		100.0	664.5	922.8
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	34,127	1	30.0	199.6	293.8
MALIGNANT NEOPLASMS	C00-C97	27,065	2	23.8	158.3	216.0
CEREBROVASCULAR DISEASE	I60-I69	7,264	3	6.4	42.5	64.7
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	6,286	4	5.5	36.8	54.4
ACCIDENTS	V01-X59,Y85-Y86	6,111	5	5.4	35.7	38.7
INFLUENZA & PNEUMONIA	J10-J18	3,469	6	3.1	20.3	32.7
DIABETES	E10-E14	2,770	7	2.4	16.2	22.2
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	2,401	8	2.1	14.0	15.5
CHRONIC LIVER DISEASE & CIRRHOSIS	K70,K73-K74	2,362	9	2.1	13.8	16.1
ASSAULT (Homicide)	X85-Y09,Y87.1	1,626	10	1.4	9.5	9.4
ALL OTHER CAUSES	Residual	20,143		17.7		
FEMALE CAUSE OF DEATH	ICD CODES (Rev. 9)	FEMALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	114,341		100.0	673.7	663.0
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	35,773	1	31.3	210.8	203.6
MALIGNANT NEOPLASMS	C00-C97	25,815	2	22.6	152.1	155.4
CEREBROVASCULAR DISEASE	I60-I69	10,815	3	9.5	63.7	61.5
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	6,901	4	6.0	40.7	40.6
INFLUENZA & PNEUMONIA	J10-J18	4,545	5	4.0	26.8	25.5
DIABETES	E10-E14	3,234	6	2.8	19.1	19.3
ACCIDENTS	V01-X59,Y85-Y86	2,829	7	2.5	16.7	16.7
ALZHEIMER'S DISEASE	G30	2,675	8	2.3	15.8	14.8
CHRONIC LIVER DISEASE & CIRRHOSIS	K70,K73-K74	1,184	9	1.0	7.0	7.2
HYPERTENSION	I10,I12	1,110	10	1.0	6.5	6.3
ALL OTHER CAUSES	Residual	19,460		17.0		

NOTE: Rates and percents are rounded independently and may not add to totals.

SOURCE: State of California, Department of Health Services, Death Records.

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-10A. TEN LEADING CAUSES OF DEATH BY SEX WITH PERCENT OF DEATHS, DEATH RATES, AN ADJUSTED DEATH RATES - **ASIAN/PACIFIC ISLANDER** CALIFORNIA 1999 (BY Palce of Residence)

(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1989** (ICD-10). Rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	14,246		100.0	369.4	520.4
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	3,892	1	27.3	100.9	151.7
MALIGNANT NEOPLASMS	C00-C97	3,810	2	26.7	98.8	131.8
CEREBROVASCULAR DISEASES	I60-I69	1,497	3	10.5	38.8	58.0
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	574	4	4.0	14.9	22.3
ACCIDENTS	V01-X59,Y85-Y86	556	5	3.9	14.4	16.5
INFLUENZA & PNEUMONIA	J10-J18	553	6	3.9	14.3	22.6
DIABETES	E10-E14	497	7	3.5	12.9	18.6
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	230	8	1.6	6.0	6.2
NEPHRITIS	N00-N07,N17-N19					
	N25-N27	182	9	1.3	4.7	7.0
HYPERTENSION	I10,I12	153	10	1.1	4.0	6.0
ALL OTHER CAUSES	Residual	2,302		16.2		
MALE CAUSE OF DEATH	ICD CODES (Rev. 9)	MALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	7,772		100.0	409.3	625.9
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	2,158	1	27.8	113.6	183.9
MALIGNANT NEOPLASMS	C00-C97	2,039	2	26.2	107.4	159.0
CEREBROVASCULAR DISEASE	I60-I69	734	3	9.4	38.7	63.7
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	373	4	4.8	19.6	33.0
ACCIDENTS	V01-X59,Y85-Y86	334	5	4.3	17.6	20.3
INFLUENZA & PNEUMONIA	J10-J18	298	6	3.8	15.7	27.5
DIABETES	E10-E14	229	7	2.9	12.1	19.5
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	171	8	2.2	9.0	9.6
NEPHRITIS	N00-N07,N17-N19					
	N25-N27	87	9	1.1	4.6	7.5
ASSAULT (Homicide)	X85-Y09,Y87.1	86	10	1.1	4.5	4.3
ALL OTHER CAUSES	Residual	1,263		16.3		
FEMALE CAUSE OF DEATH	ICD CODES (Rev. 9)	FEMALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	6,474		100.0	330.7	434.6
MALIGNANT NEOPLASMS	C00-C97	1,771	1	27.4	90.5	110.4
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	1,734	2	26.8	88.6	125.3
CEREBROVASCULAR DISEASE	I60-I69	763	3	11.8	39.0	53.4
DIABETES	E10-E14	268	4	4.1	13.7	18.0
INFLUENZA & PNEUMONIA	J10-J18	255	5	3.9	13.0	18.8
ACCIDENTS	V01-X59,Y85-Y86	222	6	3.4	11.3	12.9
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	201	7	3.1	10.3	13.9
NEPHRITIS	N00-N07,N17-N19					
	N25-N27	95	8	1.5	4.9	6.6
HYPERTENSION	I10,I12	82	9	1.3	4.2	5.9
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	59	10	0.9	3.0	3.1
ALL OTHER CAUSES	Residual	1,024		15.8		

NOTE: ASIAN PACIFIC ISLANDER excludes decedents of Hispanic Origin.
Rates and percents are rounded independently and may not add to totals.

SOURCE: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-10B. TEN LEADING CAUSES OF DEATH BY SEX WITH PERCENT OF DEATHS, DEATH RATES, AN ADJUSTED DEATH RATES - **BLACK** - CALIFORNIA 1999 (BY Palce of Residence)

(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1989** (ICD-10). Rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	17,842		100.0	768.7	1127.2
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	5,417	1	30.4	233.4	368.7
MALIGNANT NEOPLASMS	C00-C97	3,935	2	22.1	169.5	248.4
CEREBROVASCULAR DISEASES	I60-I69	1,409	3	7.9	60.7	98.6
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	729	4	4.1	31.4	48.6
DIABETES	E10-E14	728	5	4.1	31.4	47.2
ACCIDENTS	V01-X59,Y85-Y86	704	6	3.9	30.3	33.5
ASSAULT (Homicide)	X85-Y09, Y87.1	509	7	2.9	21.9	20.9
INFLUENZA & PNEUMONIA	J10-J18	466	8	2.6	20.1	33.5
HUMAN IMMUNODEFICIENCY VIRUS DISEASE (HIVD)	B20-B24	364	9	2.0	15.7	16.4
HYPERTENSION	I10,I12	268	10	1.5	11.5	18.2
ALL OTHER CAUSES	Residual	3,313		18.6		
MALE CAUSE OF DEATH	ICD CODES (Rev. 9)	MALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	9,123		100.0	795.5	1358
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	2,593	1	28.4	226.1	425.0
MALIGNANT NEOPLASMS	C00-C97	2,066	2	22.6	180.2	323.8
CEREBROVASCULAR DISEASE	I60-I69	599	3	6.6	52.2	102.3
ACCIDENTS	V01-X59,Y85-Y86	466	4	5.1	40.6	47.1
ASSAULT (Homicide)	X85-Y09,Y87.1	430	5	4.7	37.5	34.9
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	407	6	4.5	35.5	69.2
DIABETES	E10-E14	308	7	3.4	26.9	47.5
HUMAN IMMUNODEFICIENCY VIRUS DISEASE (HIVD)	B20-B24	273	8	3.0	23.8	25.5
INFLUENZA & PNEUMONIA	J10-J18	221	9	2.4	19.3	42.5
CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	144	10	1.6	12.6	17.9
ALL OTHER CAUSES	Residual	1,616		17.7		
FEMALE CAUSE OF DEATH	ICD CODES (Rev. 9)	FEMALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	8,719		100.0	742.6	957.0
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	2,824	1	32.4	240.5	324.2
MALIGNANT NEOPLASMS	C00-C97	1,869	2	21.4	159.2	201.8
CEREBROVASCULAR DISEASE	I60-I69	810	3	9.3	69.0	93.9
DIABETES	E10-E14	420	4	4.8	35.8	46.6
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	322	5	3.7	27.4	36.0
INFLUENZA & PNEUMONIA	J10-J18	245	6	2.8	20.9	28.4
ACCIDENTS	V01-X59,Y85-Y86	238	7	2.7	20.3	21.6
HYPERTENSION	I10,I12	149	8	1.7	12.7	17.0
ALZHEIMER'S DISEASE	G30	116	9	1.3	9.9	14.2
CERTAIN PERINATAL CONDITIONS	P00-P96	116	9	1.3	9.9	8.8
ALL OTHER CAUSES	Residual	1,610		18.5		

NOTE: BLACK excludes decedents of Hispanic Origin.

Rates and percents are rounded independently and may not add to totals.

SOURCE: State of California, Department of Health Services, Death Records.

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-10C. TEN LEADING CAUSES OF DEATH BY SEX WITH PERCENT OF DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES - **HISPANIC**- CALIFORNIA 1999 (BY Place of Residence)

(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1988** (ICD-10) and are age-adjusted to the **Year 2000 U.S. standard population** (100,000 population in specified groups; age-adjusted rates are per 100,000)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	27,907		100.0	269.6	552.6
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	6,775	1	24.3	65.4	162.3
MALIGNANT NEOPLASMS	C00-C97	5,654	2	20.3	54.6	117.6
ACCIDENTS	V01-X59,Y85-Y86	2,301	3	8.2	22.2	26.1
CEREBROVASCULAR DISEASES	I60-I69	1,808	4	6.5	17.5	42.9
DIABETES	E10-E14	1,406	5	5.0	13.6	31.8
CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	971	6	3.5	9.4	16.8
ASSAULT (Homicide)	X85-Y09, Y87.1	868	7	3.1	8.4	8.0
INFLUENZA & PNEUMONIA	J10-J18	783	8	2.8	7.6	19.5
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	732	9	2.6	7.1	18.3
CERTAIN PERINATAL CONDITIONS	I10,I12	646	10	2.3	6.2	3.4
ALL OTHER CAUSES	Residual	5,963		21.4		
MALE CAUSE OF DEATH	ICD CODES (Rev. 9)	MALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	15,615		100.0	291.1	658.4
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	3,540	1	22.7	66.0	192.2
MALIGNANT NEOPLASMS	C00-C97	2,885	2	18.5	53.8	138.7
ACCIDENTS	V01-X59,Y85-Y86	1,790	3	11.5	33.4	38.9
CEREBROVASCULAR DISEASE	I60-I69	851	4	5.4	15.9	46.8
ASSAULT (Homicide)	X85-Y09,Y87.1	752	5	4.8	14.0	13.3
CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	726	6	4.6	13.5	25.2
DIABETES	E10-E14	618	7	4.0	11.5	31.4
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	391	8	2.5	7.3	24.4
INFLUENZA & PNEUMONIA	J10-J18	369	9	2.4	6.9	22.6
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	365	10	2.3	6.8	8.3
ALL OTHER CAUSES	Residual	3,328		21.3		
FEMALE CAUSE OF DEATH	ICD CODES (Rev. 9)	FEMALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	12,292		100.0	246.4	462.1
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	3,235	1	26.3	64.8	137.2
MALIGNANT NEOPLASMS	C00-C97	2,769	2	22.5	55.5	103.1
CEREBROVASCULAR DISEASE	I60-I69	957	3	7.8	19.2	39.8
DIABETES	E10-E14	788	4	6.4	15.8	32.2
ACCIDENTS	V01-X59,Y85-Y86	511	5	4.2	10.2	12.7
INFLUENZA & PNEUMONIA	J10-J18	414	6	3.4	8.3	17.3
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	341	7	2.8	6.8	14.5
CERTAIN PERINATAL CONDITIONS	P00-P96	283	8	2.3	5.7	3.0
CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	Q00-Q99	248	9	2.0	5.0	3.4
CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	245	10	2.0	4.9	8.9
ALL OTHER CAUSES	Residual	2,501		20.3		

NOTE: HISPANIC includes any race category.
Rates and percents are rounded independently and may not add to totals.

SOURCE: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-10D. TEN LEADING CAUSES OF DEATH BY SEX, PERCENT OF DEATHS, DEATH RATES, AND AGE ADJUSTED DEATH RATES - **WHITE** - CALIFORNIA, 1999 (By Place of Residence)

(Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 199**; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,00 **Year 2000 U.S. standard population**.)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	167,198		100.0	964.3	825.2
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	53,629	1	32.1	309.3	261.0
MALIGNANT NEOPLASMS	C00-C97	39,324	2	23.5	226.8	194.5
CEREBROVASCULAR DISEASES	I60-I69	13,310	3	8.0	76.8	64.4
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	11,111	4	6.6	64.1	54.1
INFLUENZA & PNEUMONIA	J10-J18	6,200	5	3.7	35.8	30.0
ACCIDENTS	V01-X59,Y85-Y86	5,323	6	3.2	30.7	28.8
ALZHEIMER'S DISEASE	G30	3,426	7	2.0	19.8	16.5
DIABETES	E10-E14	3,331	8	2.0	19.2	16.4
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	2,252	9	1.3	13.0	12.1
CHRONIC LIVER DISEASE & CIRRHOSIS	K70,K73-K74	2,184	10	1.3	12.6	11.1
ALL OTHER CAUSES	Residual	27,108		16.2		
MALE CAUSE OF DEATH	ICD CODES (Rev. 10)	MALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	80,712		100.0	939.5	985.6
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	25,736	1	31.9	299.6	321.3
MALIGNANT NEOPLASMS	C00-C97	19,987	2	24.8	232.6	233.8
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	5,097	4	6.3	59.3	62.5
CEREBROVASCULAR DISEASE	I60-I69	5,058	3	6.3	58.9	65.3
ACCIDENTS	V01-X59,Y85-Y86	3,482	5	4.3	40.5	40.3
INFLUENZA & PNEUMONIA	J10-J18	2,575	6	3.2	30.0	34.7
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	1,748	8	2.2	20.3	19.7
DIABETES	E10-E14	1,595	7	2.0	18.6	18.9
CHRONIC LIVER DISEASE & CIRRHOSIS	K70,K73-K74	1,395	9	1.7	16.2	15.1
ALZHEIMER'S DISEASE	G30	1,082	10	1.3	12.6	14.8
ALL OTHER CAUSES	Residual	12,957		16.1		
FEMALE CAUSE OF DEATH	ICD CODES (Rev. 10)	FEMALE DEATHS	RANK	PERCENT OF DEATHS	DEATH RATE	AGE-ADJUSTED RATE
ALL CAUSES	A00-Y899	86,486		100.0	988.6	704.9
DISEASES OF HEART	I00-I09,I11,I13,I20-I51	27,893	1	32.3	318.8	215.1
MALIGNANT NEOPLASMS	C00-C97	19,337	2	22.4	221.0	169.2
CEREBROVASCULAR DISEASE	I60-I69	8,252	3	9.5	94.3	63.2
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	6,014	4	7.0	68.7	49.5
INFLUENZA & PNEUMONIA	J10-J18	3,625	5	4.2	41.4	27.3
ALZHEIMER'S DISEASE	G30	2,344	6	2.7	26.8	17.2
ACCIDENTS	V01-X59,Y85-Y86	1,841	7	2.1	21.0	18.1
DIABETES	E10-E14	1,736	7	2.0	19.8	14.7
ATHEROSCLEROSIS	I70	921	9	1.1	10.5	6.8
CHRONIC LIVER DISEASE & CIRRHOSIS	K70,K73-K74	789	10	0.9	9.0	7.6
ALL OTHER CAUSES	Residual	13,734		15.9		

NOTE: WHITE includes Other Races, Not Stated and Unknown and excludes Hispanic Origin
Rates and percents are rounded independently and may not add to total

SOURCE: State of California, Department of Health Services, Death Record
State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex and Race/Ethnic Group, December 1998

TABLE 5-11. MAJOR CAUSES OF DEATH AND DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence)
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1989. Rates are per 100,000 population in specified groups).

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		ASIAN/ PACIFIC ISLANDER		BLACK		HISPANIC		WHITE	
		DEATHS	RATES	DEATHS	RATES	DEATHS	RATES	DEATHS	RATES	DEATHS	RATES
ALL CAUSES	A00-Y89	227,965	669.1	14,246	369.4	17,842	768.7	27,907	269.6	167,198	964.3
CERTAIN INFECTIOUS AND PARASITIC DISEASES	A00-B99	4,437	13.0	357	9.3	636	27.4	883	8.5	2,541	14.7
Human Immunodeficiency Virus Disease	B20-B24	1,558	4.6	30	0.8	364	15.7	368	3.6	790	4.6
MALIGNANT NEOPLASMS	C00-C97	52,880	155.2	3,810	98.8	3,935	169.5	5,654	54.6	39,324	226.8
Of Digestive Organs	C15-C26	12,875	37.8	1,328	34.4	1,004	43.3	1,683	16.3	8,829	50.9
Esophagus	C15	1,210	3.6	63	1.6	88	3.8	99	1.0	955	5.5
Stomach	C16	1,529	4.5	269	7.0	151	6.5	312	3.0	794	4.6
Colon	C18	4,251	12.5	296	7.7	366	15.8	421	4.1	3,163	18.2
Liver	C22	1,276	3.7	331	8.6	102	4.4	254	2.5	585	3.4
Pancreas	C25	2,797	8.2	197	5.1	188	8.1	331	3.2	2,074	12.0
Of Respiratory Organs	C30-C39	14,148	41.5	936	24.3	1,099	47.4	927	9.0	11,140	64.2
Lung	C33-C34	13,751	40.4	914	23.7	1,056	45.5	877	8.5	10,859	62.6
Of Breast	C50	4,065	11.9	237	6.1	312	13.4	440	4.3	3,065	17.7
Of Female Genital Organs	C51-C58	2,676	7.9	198	5.1	183	7.9	369	3.6	1,921	11.1
Of Male Genital Organs	C60-C63	3,159	9.3	126	3.3	336	14.5	295	2.8	2,396	13.8
Prostate	C61	3,085	9.1	125	3.2	335	14.4	274	2.6	2,346	13.5
Of Urinary Organs	C64-C68	2,321	6.8	108	2.8	162	7.0	283	2.7	1,756	10.1
Of Brain	C71	1,400	4.1	67	1.7	59	2.5	181	1.7	1,091	6.3
Of Lymphatic and Hematopoietic Tissues	C81-C96	5,586	16.4	361	9.4	365	15.7	768	7.4	4,077	23.5
Non-Hodgkin's Lymphoma	C82-C85	2,210	6.5	145	3.8	110	4.7	290	2.8	1,663	9.6
Leukemia	C91-C95	2,116	6.2	149	3.9	120	5.2	312	3.0	1,526	8.8
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E88	7,726	22.7	572	14.8	855	36.8	1,596	15.4	4,653	26.8
Diabetes	E10-E14	6,004	17.6	497	12.9	728	31.4	1,406	13.6	3,331	19.2
MENTAL AND BEHAVIORAL DISORDERS	F01-F99	3,419	10.0	84	2.2	187	8.1	443	4.3	2,693	15.5
Organic Dementia	F01,F03	2,077	6.1	60	1.6	70	3.0	146	1.4	1,796	10.4
DISEASES OF NERVOUS SYSTEM	G00-G98	7,270	21.3	248	6.4	364	15.7	601	5.8	6,045	34.9
Parkinson's Disease	G20-G21	1,390	4.1	80	2.1	37	1.6	82	0.8	1,191	6.9
Alzheimer's Disease	G30	3,934	11.5	78	2.0	180	7.8	243	2.3	3,426	19.8
DISEASES OF THE CIRCULATORY SYSTEM	I00-I99	94,338	276.9	5,780	149.9	7,394	318.6	9,186	88.7	71,721	413.6
Diseases of the Heart	I00-I09,I11,I13,I20-I25	69,900	205.2	3,892	100.9	5,417	233.4	6,775	65.4	53,629	309.3
Hypertensive heart	I11,I13	3,625	10.6	267	6.9	572	24.6	310	3.0	2,464	14.2
Ischemic heart	I20-I25	55,306	162.3	3,073	79.7	3,940	169.8	5,360	51.8	42,793	246.8
Acute myocardial infarction	I21-I22	16,975	49.8	1,058	27.4	1,249	53.8	1,762	17.0	12,864	74.2
Atherosclerotic cardiovascular disease	I25.0	8,918	26.2	474	12.3	946	40.8	903	8.7	6,572	37.9
Other heart diseases	I26-I51	10,560	31.0	516	13.4	890	38.3	1,042	10.1	8,077	46.6
Cardiomyopathy	I42	3,076	9.0	168	4.4	425	18.3	365	3.5	2,103	12.1
Heart failure	I50	3,065	9.0	139	3.6	185	8.0	243	2.3	2,488	14.3
Hypertension	I10,I12	1,879	5.5	153	4.0	268	11.5	209	2.0	1,246	7.2
Cerebrovascular Diseases	I60-I69	18,079	53.1	1,497	38.8	1,409	60.7	1,808	17.5	13,310	76.8
Atherosclerosis	I70	1,790	5.3	67	1.7	86	3.7	168	1.6	1,464	8.4
Aortic Aneurysm	I71	1,417	4.2	117	3.0	76	3.3	98	0.9	1,123	6.5
DISEASES OF RESPIRATORY SYSTEM	J00-J98	24,077	70.7	1,299	33.7	1,361	58.6	1,866	18.0	19,488	112.4
Influenza and Pneumonia	J10-J18	8,014	23.5	553	14.3	466	20.1	783	7.6	6,200	35.8
Chronic Lower Respiratory Diseases	J40-J47	13,187	38.7	574	14.9	729	31.4	732	7.1	11,111	64.1
Emphysema	J43	1,930	5.7	64	1.7	89	3.8	75	0.7	1,695	9.8
DISEASES OF DIGESTIVE SYSTEM	K00-K92	8,382	24.6	390	10.1	537	23.1	1,586	15.3	5,813	33.5
Chronic Liver/Cirrhosis	K70,K73-K74	3,546	10.4	116	3.0	231	10.0	971	9.4	2,184	12.6
DISEASES OF GENITOURINARY SYSTEM	N00-N98	3,966	11.6	297	7.7	358	15.4	517	5.0	2,780	16.0
Nephritis	N00-N07,N17-N19,N25-N27	1,739	5.1	182	4.7	199	8.6	331	3.2	1,017	5.9
CERTAIN PERINATAL CONDITIONS	P00-P96	1,384	4.1	98	2.5	239	10.3	646	6.2	394	2.3
CONGENITAL MALFORMATIONS	Q00-Q99	1,253	3.7	100	2.6	103	4.4	504	4.9	544	3.1
SYMPTOMS, SIGNS AND ABNORMAL FINDINGS	R00-R99	1,106	3.2	76	2.0	175	7.5	257	2.5	588	3.4
Sudden Infant Death Syndrome	R95	237	0.7	22	0.6	58	2.5	84	0.8	72	0.4
ACCIDENTS	V01-X59,Y85-Y86	8,940	26.2	556	14.4	704	30.3	2,301	22.2	5,323	30.7
Motor Vehicle Accidents	See Footnote	3,140	9.2	278	7.2	254	10.9	1,044	10.1	1,545	8.9
Accidental Falls	W00-W19	1,202	3.5	81	2.1	45	1.9	157	1.5	913	5.3
Drownings	W65-W74	397	1.2	46	1.2	24	1.0	120	1.2	206	1.2
Accidental Poisonings	X40-X49	2,221	6.5	35	0.9	239	10.3	541	5.2	1,389	8.0
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	3,047	8.9	230	6.0	136	5.9	417	4.0	2,252	13.0
Firearms	X72-X74	1,510	4.4	84	2.2	66	2.8	201	1.9	1,153	6.6
ASSAULT (Homicide)	X85-Y09,Y87.1	2,042	6.0	133	3.4	509	21.9	868	8.4	514	3.0
Firearms/	X93-X95	1,364	4.0	89	2.3	388	16.7	637	6.2	245	1.4
ALL OTHER CAUSES	RESIDUAL	3,698		216		349		582		2,525	

Notes: Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total Deaths includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

The ICD-10 Codes for Motor Vehicle Accidents are: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2.

Source: State of California, Department of Health Services, Death Records.

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex and Race/Ethnic Group, December 1998.

TABLE 5-11A. MAJOR CAUSES OF MALE DEATHS AND DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence)
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1988. Rates are per 100,000 population in specified groups).

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		ASIAN/PACIFIC ISLANDER		BLACK		HISPANIC		WHITE	
		DEATHS	RATES	DEATHS	RATES	DEATHS	RATES	DEATHS	RATES	DEATHS	RATES
ALL CAUSES	A00-Y89	113,624	664.5	7,772	409.3	9,123	795.5	15,615	291.1	80,712	939.5
CERTAIN INFECTIOUS AND PARASITIC DISEASES	A00-B99	2,863	16.7	228	12.0	413	36.0	594	11.1	1,616	18.8
Human Immunodeficiency Virus Disease	B20-B24	1,346	7.9	26	1.4	273	23.8	327	6.1	715	8.3
MALIGNANT NEOPLASMS	C00-C97	27,065	158.3	2,039	107.4	2,066	180.2	2,885	53.8	19,987	232.6
Of Digestive Organs	C15-C26	7,058	41.3	764	40.2	530	46.2	934	17.4	4,812	56.0
Esophagus	C15	880	5.1	48	2.5	62	5.4	79	1.5	686	8.0
Stomach	C16	894	5.2	149	7.8	85	7.4	184	3.4	474	5.5
Colon	C18	2,123	12.4	153	8.1	171	14.9	219	4.1	1,576	18.3
Liver	C22	870	5.1	231	12.2	69	6.0	171	3.2	398	4.6
Pancreas	C25	1,403	8.2	96	5.1	89	7.8	160	3.0	1,056	12.3
Of Respiratory Organs	C30-C39	7,837	45.8	571	30.1	663	57.8	589	11.0	5,987	69.7
Lung	C33-C34	7,559	44.2	554	29.2	633	55.2	550	10.3	5,796	67.5
Of Male Genital Organs	C60-C63	3,159	18.5	126	6.6	336	29.3	295	5.5	2,396	27.9
Prostate	C61	3,085	18.0	125	6.6	335	29.2	274	5.1	2,346	27.3
Of Urinary Organs	C64-C68	1,524	8.9	73	3.8	90	7.8	180	3.4	1,174	13.7
Of Brain	C71	753	4.4	37	1.9	26	2.3	97	1.8	592	6.9
Of Lymphatic and Hematopoietic Tissues	C81-C96	3,128	18.3	211	11.1	188	16.4	420	7.8	2,298	26.7
Non-Hodgkin's Lymphoma	C82-C85	1,239	7.2	90	4.7	63	5.5	163	3.0	922	10.7
Leukemia	C91-C95	1,226	7.2	89	4.7	67	5.8	175	3.3	887	10.3
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E88	3,527	20.6	270	14.2	363	31.7	711	13.3	2,159	25.1
Diabetes	E10-E14	2,770	16.2	229	12.1	308	26.9	618	11.5	1,595	18.6
MENTAL AND BEHAVIORAL DISORDERS	F01-F99	1,602	9.4	49	2.6	98	8.5	307	5.7	1,141	13.3
Organic Dementia	F01,F03	662	3.9	30	1.6	25	2.2	58	1.1	549	6.4
DISEASES OF NERVOUS SYSTEM	G00-G98	3,115	18.2	119	6.3	164	14.3	275	5.1	2,554	29.7
Parkinson's Disease	G20-G21	815	4.8	47	2.5	24	2.1	42	0.8	702	8.2
Alzheimer's Disease	G30	1,259	7.4	31	1.6	64	5.6	80	1.5	1,082	12.6
DISEASES OF THE CIRCULATORY SYSTEM	I00-I99	44,268	258.9	3,097	163.1	3,449	300.7	4,677	87.2	32,917	383.1
Diseases of the Heart	I00-I09,I11,I13,I20-I25	34,127	199.6	2,158	113.6	2,593	226.1	3,540	66.0	25,736	299.6
Hypertensive heart	I11,I13	1,523	8.9	126	6.6	253	22.1	147	2.7	990	11.5
Ischemic heart	I20-I25	27,681	161.9	1,761	92.7	1,891	164.9	2,842	53.0	21,114	245.8
Acute myocardial infarction	I21-I22	8,796	51.4	598	31.5	580	50.6	950	17.7	6,645	77.3
Atherosclerotic cardiopathy	I25.0	4,509	26.4	270	14.2	505	44.0	534	10.0	3,189	37.1
Other heart diseases	I26-I51	4,795	28.0	263	13.9	447	39.0	535	10.0	3,530	41.1
Cardiomyopathy	I42	1,791	10.5	98	5.2	259	22.6	231	4.3	1,191	13.9
Heart failure	I50	1,144	6.7	70	3.7	69	6.0	90	1.7	911	10.6
Hypertension	I10,I12	769	4.5	71	3.7	119	10.4	94	1.8	484	5.6
Cerebrovascular Diseases	I60-I69	7,264	42.5	734	38.7	599	52.2	851	15.9	5,058	58.9
Atherosclerosis	I70	683	4.0	31	1.6	34	3.0	74	1.4	543	6.3
Aortic Aneurysm	I71	899	5.3	76	4.0	48	4.2	64	1.2	709	8.3
DISEASES OF RESPIRATORY SYSTEM	J00-J98	11,250	65.8	763	40.2	709	61.8	955	17.8	8,796	102.4
Influenza and Pneumonia	J10-J18	3,469	20.3	298	15.7	221	19.3	369	6.9	2,575	30.0
Chronic Lower Respiratory Diseases	J40-J47	6,286	36.8	373	19.6	407	35.5	391	7.3	5,097	59.3
Emphysema	J43	997	5.8	50	2.6	56	4.9	44	0.8	842	9.8
DISEASES OF DIGESTIVE SYSTEM	K00-K92	4,490	26.3	217	11.4	275	24.0	1,030	19.2	2,938	34.2
Chronic Liver/Cirrhosis	K70,K73-K74	2,362	13.8	73	3.8	144	12.6	726	13.5	1,395	16.2
DISEASES OF GENITOURINARY SYSTEM	N00-N98	1,648	9.6	142	7.5	146	12.7	235	4.4	1,119	13.0
Nephritis	N00-N07,N17-N19	890	5.2	87	4.6	88	7.7	177	3.3	533	6.2
CERTAIN PERINATAL CONDITIONS	P00-P96	773	4.5	62	3.3	123	10.7	363	6.8	223	2.6
CONGENITAL MALFORMATIONS	Q00-Q99	633	3.7	46	2.4	59	5.1	256	4.8	270	3.1
SYMPTOMS, SIGNS AND ABNORMAL FINDINGS	R00-R99	643	3.8	47	2.5	102	8.9	162	3.0	330	3.8
Sudden Infant Death Syndrome	R95	130	0.8	14	0.7	32	2.8	46	0.9	38	0.4
ACCIDENTS	V01-X59,Y85-Y86	6,111	35.7	334	17.6	466	40.6	1,790	33.4	3,482	40.5
Motor Vehicle Accidents	See Footnote	2,182	12.8	157	8.3	162	14.1	778	14.5	1,072	12.5
Accidental Falls	W00-W19	690	4.0	53	2.8	31	2.7	116	2.2	486	5.7
Drownings	W65-W74	295	1.7	32	1.7	16	1.4	101	1.9	145	1.7
Accidental Poisonings	X40-X49	1,620	9.5	24	1.3	156	13.6	463	8.6	967	11.3
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	2,401	14.0	171	9.0	111	9.7	365	6.8	1,748	20.3
Firearms	X72-X74	1,309	7.7	76	4.0	60	5.2	180	3.4	990	11.5
ASSAULT (Homicide)	X85-Y09,Y87.1	1,626	9.5	86	4.5	430	37.5	752	14.0	344	4.0
Firearms/	X93-X95	1,176	6.9	61	3.2	352	30.7	576	10.7	182	2.1
ALL OTHER CAUSES	RESIDUAL	1,609		102		149		258		1,088	

Notes Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total D includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

The ICD-10 Codes for Motor Vehicle Accidents are: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V87.0-V87.8, V88.0-V88.8, V89.0,V89.2.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-11B. MAJOR CAUSES OF FEMALE DEATHS AND DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence)

(Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1989. Rates are per 100,000 population in specified groups).

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		ASIAN/ PACIFIC ISLANDER		BLACK		HISPANIC		WHITE	
		DEATHS	RATES	DEATHS	RATES	DEATHS	RATES	DEATHS	RATES	DEATHS	RATES
ALL CAUSES	A00-Y89	114,341	673.7	6,474	330.7	8,719	742.6	12,292	246.4	86,486	988.6
CERTAIN INFECTIOUS AND PARASITIC DISEASES	A00-B99	1,574	9.3	129	6.6	223	19.0	289	5.8	925	10.6
Human Immunodeficiency Virus Disease	B20-B24	212	1.2	4	0.2	91	7.8	41	0.8	75	0.9
MALIGNANT NEOPLASMS	C00-C97	25,815	152.1	1,771	90.5	1,869	159.2	2,769	55.5	19,337	221.0
Of Digestive Organs	C15-C26	5,817	34.3	564	28.8	474	40.4	749	15.0	4,017	45.9
Esophagus	C15	330	1.9	15	0.8	26	2.2	20	0.4	269	3.1
Stomach	C16	635	3.7	120	6.1	66	5.6	128	2.6	320	3.7
Colon	C18	2,128	12.5	143	7.3	195	16.6	202	4.0	1,587	18.1
Liver	C22	406	2.4	100	5.1	33	2.8	83	1.7	187	2.1
Pancreas	C25	1,394	8.2	101	5.2	99	8.4	171	3.4	1,018	11.6
Of Respiratory Organs	C30-C39	6,311	37.2	365	18.6	436	37.1	338	6.8	5,153	58.9
Lung	C33-C34	6,192	36.5	360	18.4	423	36.0	327	6.6	5,063	57.9
Of Breast	C50	4,039	23.8	236	12.1	308	26.2	438	8.8	3,046	34.8
Of Female Genital Organs	C51-C58	2,676	15.8	198	10.1	183	15.6	369	7.4	1,921	22.0
Of Urinary Organs	C64-C68	797	4.7	35	1.8	72	6.1	103	2.1	582	6.7
Of Brain	C71	647	3.8	30	1.5	33	2.8	84	1.7	499	5.7
Of Lymphatic and Hematopoietic Tissues	C81-C96	2,458	14.5	150	7.7	177	15.1	348	7.0	1,779	20.3
Non-Hodgkin's Lymphoma	C82-C85	971	5.7	55	2.8	47	4.0	127	2.5	741	8.5
Leukemia	C91-C95	890	5.2	60	3.1	53	4.5	137	2.7	639	7.3
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E88	4,199	24.7	302	15.4	492	41.9	885	17.7	2,494	28.5
Diabetes	E10-E14	3,234	19.1	268	13.7	420	35.8	788	15.8	1,736	19.8
MENTAL AND BEHAVIORAL DISORDERS	F01-F99	1,817	10.7	35	1.8	89	7.6	136	2.7	1,552	17.7
Organic Dementia	F01,F03	1,415	8.3	30	1.5	45	3.8	88	1.8	1,247	14.3
DISEASES OF NERVOUS SYSTEM	G00-G98	4,155	24.5	129	6.6	200	17.0	326	6.5	3,491	39.9
Parkinson's Disease	G20-G21	575	3.4	33	1.7	13	1.1	40	0.8	489	5.6
Alzheimer's Disease	G30	2,675	15.8	47	2.4	116	9.9	163	3.3	2,344	26.8
DISEASES OF THE CIRCULATORY SYSTEM	I00-I99	50,070	295.0	2,683	137.1	3,945	336.0	4,509	90.4	38,804	443.6
Diseases of the Heart	I00-I09,I11,I13,I20-I25	35,773	210.8	1,734	88.6	2,824	240.5	3,235	64.8	27,893	318.8
Hypertensive heart	I11,I13	2,102	12.4	141	7.2	319	27.2	163	3.3	1,474	16.8
Ischemic heart	I20-I25	27,625	162.8	1,312	67.0	2,049	174.5	2,518	50.5	21,679	247.8
Acute myocardial infarction	I21-I22	8,179	48.2	460	23.5	669	57.0	812	16.3	6,219	71.1
Atherosclerotic cardiovascular disease	I25.0	4,409	26.0	204	10.4	441	37.6	369	7.4	3,383	38.7
Other heart diseases	I26-I51	5,765	34.0	253	12.9	443	37.7	507	10.2	4,547	52.0
Cardiomyopathy	I42	1,285	7.6	70	3.6	166	14.1	134	2.7	912	10.4
Heart failure	I50	1,921	11.3	69	3.5	116	9.9	153	3.1	1,577	18.0
Hypertension	I10,I12	1,110	6.5	82	4.2	149	12.7	115	2.3	762	8.7
Cerebrovascular Diseases	I60-I69	10,815	63.7	763	39.0	810	69.0	957	19.2	8,252	94.3
Atherosclerosis	I70	1,107	6.5	36	1.8	52	4.4	94	1.9	921	10.5
Aortic Aneurysm	I71	518	3.1	41	2.1	28	2.4	34	0.7	414	4.7
DISEASES OF RESPIRATORY SYSTEM	J00-J98	12,827	75.6	536	27.4	652	55.5	911	18.3	10,692	122.2
Influenza and Pneumonia	J10-J18	4,545	26.8	255	13.0	245	20.9	414	8.3	3,625	41.4
Chronic Lower Respiratory Diseases	J40-J47	6,901	40.7	201	10.3	322	27.4	341	6.8	6,014	68.7
Emphysema	J43	933	5.5	14	0.7	33	2.8	31	0.6	853	9.8
DISEASES OF DIGESTIVE SYSTEM	K00-K92	3,892	22.9	173	8.8	262	22.3	556	11.1	2,875	32.9
Chronic Liver/Cirrhosis	K70,K73-K74	1,184	7.0	43	2.2	87	7.4	245	4.9	789	9.0
DISEASES OF GENITOURINARY SYSTEM	N00-N98	2,318	13.7	155	7.9	212	18.1	282	5.7	1,661	19.0
Nephritis	N00-N07,N17-N19	849	5.0	95	4.9	111	9.5	154	3.1	484	5.5
CERTAIN PERINATAL CONDITIONS	P00-P96	611	3.6	36	1.8	116	9.9	283	5.7	171	2.0
CONGENITAL MALFORMATIONS	Q00-Q99	620	3.7	54	2.8	44	3.7	248	5.0	274	3.1
SYMPTOMS, SIGNS AND ABNORMAL FINDINGS	R00-R99	463	2.7	29	1.5	73	6.2	95	1.9	258	2.9
Sudden Infant Death Syndrome	R95	107	0.6	8	0.4	26	2.2	38	0.8	34	0.4
ACCIDENTS	V01-X59,Y85-Y86	2,829	16.7	222	11.3	238	20.3	511	10.2	1,841	21.0
Motor Vehicle Accidents	See Footnote	958	5.6	121	6.2	92	7.8	266	5.3	473	5.4
Accidental Falls	W00-W19	512	3.0	28	1.4	14	1.2	41	0.8	427	4.9
Drownings	W65-W74	102	0.6	14	0.7	8	0.7	19	0.4	61	0.7
Accidental Poisonings	X40-X49	601	3.5	11	0.6	83	7.1	78	1.6	422	4.8
INTENTIONAL SELF-HARM (Suicide)	X60-X84,Y87.0	646	3.8	59	3.0	25	2.1	52	1.0	504	5.8
Firearms	X72-X74	201	1.2	8	0.4	6	0.5	21	0.4	163	1.9
ASSAULT (Homicide)	X85-Y09,Y87.1	416	2.5	47	2.4	79	6.7	116	2.3	170	1.9
Firearms/	X93-X95	188	1.1	28	1.4	36	3.1	61	1.2	63	0.7
ALL OTHER CAUSES	RESIDUAL	2,089		114		200		324		1,437	

Notes: Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total Deaths includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

The ICD-10 Codes for Motor Vehicle Accidents are: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0-V89.2.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-12. LEADING CAUSES OF DEATH BY RACE/ETHNICITY AND SEX, CALIFORNIA, 1999 (By Place of Residence)

(Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998)

RACE/ETHNICITY	ALL CAUSES A00-Y89	LEADING CAUSES OF DEATH IN CALIFORNIA													ALL OTHER CAUSES
		HEART DISEASES I00-I09, I11, I13, I20-I50	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	CLRD J40-J47	ACCIDENTS V01-X59, Y85-Y86	INFLUENZA AND PNEUMONIA J10-J18	DIABETES E10-E14	ALZHEIMER'S DISEASE G30	CIRRHOSIS K70, K73-K74	SUICIDE X60-X84, Y87.0	HOMICIDE X85-Y09, Y87.1	HYPERTENSION I10, I12	ATHERO-SCLEROSIS I70	
TOTAL RANK:		1	2	3	4	5	6	7	8	9	10	11	12	13	
TOTAL	227,965	69,900	52,880	18,079	13,187	8,940	8,014	6,004	3,934	3,546	3,047	2,042	1,879	1,790	34,723
AMERICAN INDIAN	772	187	157	55	41	56	12	42	7	44	12	18	3	5	133
ASIAN/PACIFIC ISLANDER	14246	3892	3810	1497	574	556	553	497	78	116	230	133	153	67	2090
BLACK	17842	5417	3935	1409	729	704	466	728	180	231	136	509	268	86	3044
HISPANIC	27907	6775	5654	1808	732	2301	783	1406	243	971	417	868	209	168	5572
WHITE/OTHER RACES	167094	53611	39311	13303	11106	5314	6195	3324	3426	2180	2251	511	1246	1464	23852
UNKNOWN	104	18	13	7	5	9	5	7	-	4	1	3	-	-	32

RACE/ETHNICITY	ALL CAUSES A00-Y89	LEADING CAUSES OF MALE DEATHS IN CALIFORNIA													ALL OTHER CAUSES
		HEART DISEASES I00-I09, I11, I13, I20-I50	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	CLRD J40-J47	ACCIDENTS V01-X59, Y85-Y86	INFLUENZA AND PNEUMONIA J10-J18	DIABETES E10-E14	SUICIDE X60-X84, Y87.0	CIRRHOSIS K70, K73-K74	HOMICIDE X85-Y09, Y87.1	HIVD B20-B24	ALZHEIMER'S DISEASE G30	AORTIC ANEURYSM I71	
MALE RANK:		1	2	3	4	5	6	7	8	9	10	11	12	13	
TOTAL MALES:	113,624	34,127	27,065	7,264	6,286	6,111	3,469	2,770	2,401	2,362	1,626	1,346	1,259	899	16,639
AMERICAN INDIAN	402	100	88	22	18	39	6	20	6	24	14	5	2	2	56
ASIAN/PACIFIC ISLANDER	7,772	2,158	2,039	734	373	334	298	229	171	73	86	26	31	76	1,144
BLACK	9,123	2,593	2,066	599	407	466	221	308	111	144	430	273	64	48	1,393
HISPANIC	15,615	3,540	2,885	851	391	1,790	369	618	365	726	752	327	80	64	2,857
WHITE/OTHER RACES	80,645	25,723	19,980	5,055	5,093	3,476	2,574	1,591	1,747	1,391	343	715	1,082	709	11,166
UNKNOWN	67	13	7	3	4	6	1	4	1	4	1	-	-	-	23

RACE/ETHNICITY	ALL CAUSES A00-Y89	LEADING CAUSES OF FEMALE DEATHS IN CALIFORNIA													ALL OTHER CAUSES
		HEART DISEASES I00-I09, I11, I13, I20-I50	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	CLRD J40-J47	INFLUENZA AND PNEUMONIA J10-J18	DIABETES E10-E14	ACCIDENTS V01-X59, Y85-Y86	ALZHEIMER'S DISEASE G30	CIRRHOSIS K70, K73-K74	HYPERTENSION I10, I12	ATHERO-SCLEROSIS I70	NEPHRITIS N00-N07, N17-N19, N25-N27	SUICIDE X60-X84, Y87.0	
FEMALE RANK:		1	2	3	4	5	6	7	8	9	10	11	12	13	
TOTAL FEMALES	114,341	35,773	25,815	10,815	6,901	4,545	3,234	2,829	2,675	1,184	1,110	1,107	849	646	16,858
AMERICAN INDIAN	370	87	69	33	23	6	22	17	5	20	2	4	5	6	71
ASIAN/PACIFIC ISLANDER	6,474	1,734	1,771	763	201	255	268	222	47	43	82	36	95	59	898
BLACK	8,719	2,824	1,869	810	322	245	420	238	116	87	149	52	111	25	1,451
HISPANIC	12,292	3,235	2,769	957	341	414	788	511	163	245	115	94	154	52	2,454
WHITE/OTHER RACES	86,449	27,888	19,331	8,248	6,013	3,621	1,733	1,838	2,344	789	762	921	484	504	11,973
UNKNOWN	37	5	6	4	1	4	3	3	-	-	-	-	-	-	11

- Represents zero events.

Note: American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Unknown includes Not Stated.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-13. SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH BY SEX AND RACE/ETHNICITY, CALIFORNIA, 1999 (By Place of Residence)
 (Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1998**)

YEAR	SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH IN CALIFORNIA																
	MALE DEATHS										FEMALE DEATHS						
	CANCER			HEART DISEASE			ACCIDENTS				CANCER				HEART DISEASE		ACCIDENTS BY MOTOR VEHICLE
	COLON C18	LUNG C33-C34	PROSTATE C61	HYPERTENSIVE HEART I11,I13	ISCHEMIC HEART I20-I25	CARDIO-MYOPATHY I42	MOTOR VEHICLE See footnote	POISONINGS X40-X49	SUICIDE BY FIREARMS/ EXPLOSIVES X72-X74	HOMICIDE BY FIREARMS/ EXPLOSIVES X93-X95	COLON C18	LUNG C33-C34	BREAST C50	FEMALE GENITALS C51-C58	HYPERTENSIVE HEART I11,I13	ISCHEMIC HEART I20-I25	ACCIDENTS BY MOTOR VEHICLE See footnote
TOTAL	2,123	7,559	3,085	1,523	27,681	1,791	2,182	1,620	1,309	1,176	2,128	6,192	4,039	2,676	2,102	27,625	958
AMERICAN INDIAN	4	26	5	7	73	12	13	10	3	5	1	19	11	5	5	67	6
ASIAN/PACIFIC ISLANDER	153	554	125	126	1,761	98	157	24	76	61	143	360	236	198	141	1,312	121
BLACK	171	633	335	253	1,891	259	162	156	60	352	195	423	308	183	319	2,049	92
HISPANIC	219	550	274	147	2,842	231	778	463	180	576	202	327	438	369	163	2,518	266
WHITE/ OTHER RACES	1,575	5,794	2,346	989	21,102	1,191	1,071	963	989	182	1,587	5,062	3,044	1,921	1,474	21,675	471

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Total includes Race Not Stated and Unknown.

The ICD codes for motor vehicle accidents are: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-14. DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 19 MAJOR CAUSES OF DEATH BY SEX, CALIFORNIA 1999 (By Place of Residence)

(Cause of death is coded to the **Tenth Revision of the International Classification of Diseases, 10**, rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**.)

CAUSES OF DEATH	ICD (Rev. 10)	DEATHS			DEATH RATES			AGE-ADJUSTED RATES		
		TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
ALL CAUSES	A00-Y89	227,965	113,624	114,341	669.1	664.5	673.7	776.8	922.8	663.0
HUMAN IMMUNODEFICIENCY VIRUS DISEASE (HIVD)	B20-B24	1,558	1,346	212	4.6	7.9	1.2	4.6	7.9	1.3
MALIGNANT NEOPLASMS	C00-C97	52,880	27,065	25,815	155.2	158.3	152.1	179.5	216.0	155.4
DIABETES	E10-E14	6,004	2,770	3,234	17.6	16.2	19.1	20.5	22.2	19.3
PARKINSON'S DISEASE	G20-G21	1,390	815	575	4.1	4.8	3.4	4.9	7.7	3.3
ALZHEIMER'S DISEASE	G30	3,934	1,259	2,675	11.5	7.4	15.8	14.0	12.3	14.8
HEART DISEASE	I00-I09,I11, I13,I20-I25	69,900	34,127	35,773	205.2	199.6	210.8	243.4	293.8	203.6
HYPERTENSION	I10, I12	1,879	769	1,110	5.5	4.5	6.5	6.5	6.7	6.3
CEREBROVASCULAR DISEASE	I60-I69	18,079	7,264	10,815	53.1	42.5	63.7	63.3	64.7	61.5
ATHEROSCLEROSIS	I70	1,790	683	1,107	5.3	4.0	6.5	6.3	6.5	6.1
AORTIC ANEURYSM	I71	1,417	899	518	4.2	5.3	3.1	4.9	7.4	3.0
INFLUENZA & PNEUMONIA	J10-J18	8,014	3,469	4,545	23.5	20.3	26.8	28.2	32.7	25.5
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	13,187	6,286	6,901	38.7	36.8	40.7	45.8	54.4	40.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	K70, K73-K74	3,546	2,362	1,184	10.4	13.8	7.0	11.5	16.1	7.2
NEPHRITIS	N00-N07, N17-N19, N25-N27	1,739	890	849	5.1	5.2	5.0	6.0	7.6	5.0
CERTAIN PERINATAL CONDITIONS	P00-P96	1,384	773	611	4.1	4.5	3.6	3.5	3.8	3.1
CONGENITAL MALFORMATION, DEFORMATIONS, AND CHROMO- SOMAL ABNORMALITIES	P00-P96	1,253	633	620	3.7	3.7	3.7	3.4	3.5	3.4
ACCIDENTS	VOI-X59, Y85-Y86	8,940	6,111	2,829	26.2	35.7	16.7	27.5	38.7	16.7
INTENTIONAL SELF-HARM (Suicide)	X85-Y09, Y87.1	3,047	2,401	646	8.9	14.0	3.8	9.4	15.5	3.9
ASSAULT (Homicide)	X85-Y09, Y87.1	2,042	1,626	416	6.0	9.5	2.5	6.0	9.4	2.5

Source: State of California, Department of Health Services, Death Records

State of California, 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 5-15. DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 19 MAJOR CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence)

(Cause of Death is coded to the **Tenth Revision of the International Classification of Diseases, 1989** are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population.**)

CAUSES OF DEATH	ICD (Rev. 10)	ASIAN/					ASIAN/					ASIAN/				
		TOTAL	PACIFIC ISL	BLACK	HISPANIC	WHITE	TOTAL	PACIFIC ISL	BLACK	HISPANIC	WHITE	TOTAL	PACIFIC ISL	BLACK	HISPANIC	WHITE
ALL CAUSES	A00-Y89	227,965	14,246	17,842	27,907	167,198	669.1	369.4	768.7	269.6	964.3	776.8	520.4	1127.2	552.6	825.2
HUMAN IMMUNODEFICIENCY VIRUS DISEASE	B20-B24	1,558	30	364	368	790	4.6	0.8	15.7	3.6	4.6	4.6	0.8	16.4	4.0	4.2
MALIGNANT NEOPLASMS	C00-C97	52,880	3,810	3,935	5,654	39,324	155.2	98.8	169.5	54.6	226.8	179.5	131.8	248.4	117.6	194.5
DIABETES	E10-E14	6,004	497	728	1,406	3,331	17.6	12.9	31.4	13.6	19.2	20.5	18.6	47.2	31.8	16.4
PARKINSON'S DISEASE	G20-G21	1,390	80	37	82	1,191	4.1	2.1	1.6	0.8	6.9	4.9	3.3	2.8	2.2	5.7
ALZHEIMER'S DISEASE	G30	3,934	78	180	243	3,426	11.5	2.0	7.8	2.3	19.8	14.0	3.3	14.4	6.9	16.5
HEART DISEASE	I00-I09,I11, I13,I20-I25	69,900	3,892	5,417	6,775	53,629	205.2	100.9	233.4	65.4	309.3	243.4	151.7	368.7	162.3	261.0
HYPERTENSION	I10, I12	1,879	153	268	209	1,246	5.5	4.0	11.5	2.0	7.2	6.5	6.0	18.2	5.1	6.1
CEREBROVASCULAR DISEASES	I60-I69	18,079	1,497	1,409	1,808	13,310	53.1	38.8	60.7	17.5	76.8	63.3	58.0	98.6	42.9	64.4
ATHEROSCLEROSIS	I70	1,790	67	86	168	1,464	5.3	1.7	3.7	1.6	8.4	6.3	2.8	6.3	4.6	7.1
AORTIC ANEURYSM	I71	1,417	117	76	98	1,123	4.2	3.0	3.3	0.9	6.5	4.9	4.3	4.9	2.3	5.5
INFLUENZA & PNEUMONIA	J10-J18	8,014	553	466	783	6,200	23.5	14.3	20.1	7.6	35.8	28.2	22.6	33.5	19.5	30.0
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	13,187	574	729	732	11,111	38.7	14.9	31.4	7.1	64.1	45.8	22.3	48.6	18.3	54.1
CHRONIC LIVER DISEASE AND CIRRHOSIS	K70, K73-K74	3,546	116	231	971	2,184	10.4	3.0	10.0	9.4	12.6	11.5	3.7	12.8	16.8	11.1
NEPHRITIS	N00-N07, N17-N19, N25-N27	1,739	182	199	331	1,017	5.1	4.7	8.6	3.2	5.9	6.0	7.0	12.9	7.4	5.0
CERTAIN PERINATAL CONDITIONS	P00-P96	1,384	98	239	646	394	4.1	2.5	10.3	6.2	2.3	3.5	2.2	8.8	3.4	2.9
CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	Q00-Q99	1,253	100	103	504	544	3.7	2.6	4.4	4.9	3.1	3.4	2.4	4.0	3.4	3.4
ACCIDENTS	V01-X59, Y85-Y86	8,940	556	704	2,301	5,323	26.2	14.4	30.3	22.2	30.7	27.5	16.5	33.5	26.1	28.8
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	3,047	230	136	417	2,252	8.9	6.0	5.9	4.0	13.0	9.4	6.2	6.0	4.8	12.1
ASSAULT (Homicide)	X85-Y09, Y87.1	2,042	133	509	868	514	6.0	3.4	21.9	8.4	3.0	6.0	3.4	20.9	8.0	2.9

Note: Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian

Source: State of California, Department of Health Services, Death Records

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.

TABLE 16A. LEADING CAUSES OF MALE DEATHS AND AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence)
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

AGE IN YEARS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL MALES			ASIAN/ PACIFIC ISLANDER			BLACK			HISPANIC			WHITE		
		DEATHS ³	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES
UNDER 1 YEAR																
All Causes of Death	A00-Y89	1,530		540.6	119		369.0	227		1185.6	720		533.7	458		480.3
Certain Perinatal Conditions	P00-P96	758	1	267.8	59	1	183.0	119	1	621.5	358	1	265.4	220	1	230.7
Congenital Malformations	Q00-Q99	352	2	124.4	21	2	65.1	33	2	172.4	184	2	136.4	113	2	118.5
Sudden Infant Death Syndrome	R95	130	3	45.9	14	3	43.4	32	3	167.1	46	3	34.1	38	3	39.9
Accidents	V01-X59, Y85-Y86															
Motor vehicle	See footnote	43	4	15.2	5	*	*	5	*	*	24	4	17.8	9	*	*
Diseases of the Heart	I00-I09,I11, I13,I20-I25	11		3.9	1			2			6		*	2		*
Influenza & Pneumonia	J10-J18	24	5	8.5	4	*	*	3	*	*	6	*	*	11	4	11.5
Assault (Homicide)	X85-Y09, Y87.1	14		4.9	1		*	1		*	8		*	4		*
All Other Causes		14		4.9	1		*	-		*	9		*	4		*
		209			15			35			93			63		
1 - 4 YEARS																
All Causes of Death	A00-Y89	337		29.7	34		26.5	40		52.3	158		29.7	105		26.8
Accidents	V01-X59, Y85-Y86															
Motor vehicle	See footnote	140	1	12.3	7	*	*	9	*	*	72	1	13.5	52	1	13.3
Drownings	W65-W74	48		4.2	3		*	2		*	30		5.6	13		3.3
Congenital Malformations	Q00-Q99	50		4.4	3		*	2		*	20		3.8	25		6.4
Malignant Neoplasms	C00-C97	40	2	3.5	5	*	*	5	*	*	20	2	3.8	10	2	2.6
Assault (Homicide)	X85-Y09, Y87.1	22	3	1.5	-	*	*	1	*	*	15	3	2.3	6	*	1.0
Diseases of the Heart	I00-I09,I11, I13,I20-I25	22	3	1.9	5	*	*	4	*	*	5	*	*	8	*	*
All Other Causes		11	5	1.0	-	*	*	2	*	*	8	*	*	1	*	*
		102			17			19			38			28		
5-9 YEARS																
All Causes of Death	A00-Y89	188		12.4	18		10.8	26		23.3	77		11.8	66		11.4
Accidents	V01-X59, Y85-Y86															
Motor vehicle	See footnote	67	1	4.4	7	*	*	8	*	7.2	25	1	3.8	26	1	4.5
Drownings	W65-W74	40		2.6	5	*	*	4	*	*	13		2.0	18		3.1
Malignant Neoplasms	C00-C97	10		0.7	2		*	1		*	4		*	3		*
Leukemia	C91-C95	34	2	2.2	5	*	*	1	*	*	17	2	2.6	11	2	1.9
Congenital Malformations	Q00-Q99	12		0.8	1	*	*	-		*	9		1.4	2		*
Assault (Homicide)	X85-Y09, Y87.1	20	3	1.3	4	*	*	4	*	*	8	*	*	4	*	*
All Other Causes		13	4	1.1	2	*	*	2	*	*	4	*	*	5	*	*
		54			-			11			23			20		
10-14 YEARS																
All Causes of Death	A00-Y89	264		20.8	22		15.0	31		31.8	102		21.9	108		19.5
Accidents	V01-X59, Y85-Y86															
Motor vehicle	See footnote	93	1	7.3	8	*	*	5	*	*	38	1	8.2	41	1	7.4
Malignant Neoplasms	C00-C97	46		3.6	4	*	*	4	*	*	19		4.1	19		3.4
Leukemia	C91-C95	45	2	3.5	1	*	*	5	*	*	18	2	3.9	21	2	3.8
Assault (Homicide)	X85-Y09, Y87.1	18		1.4	1	*	*	1	*	*	8		*	8		*
Firearms	X93-X95	27	3	2.1	3	*	*	3	*	*	16	3	3.4	5	*	*
Intentional Self-Harm (Suicide)	X60-X84, X87.0	21		1.7	2	*	*	2	*	*	12		2.6	5	*	*
Congenital Malformations	Q00-Q99	16	4	1.3	2	*	*	2	*	*	4	*	*	8	*	*
All Other Causes		14	5	1.1	2	*	*	5	*	*	3	*	*	4	*	*
		69			6			11			23			29		
15-19 YEARS																
All Causes of Death	A00-Y89	945		78.9	92		63.4	119		129.8	421		101.0	308		57.4
Accidents	V01-X59, Y85-Y86															
Motor vehicle	See footnote	366	1	30.6	39	1	26.9	21	2	22.9	143	2	34.3	161	1	30.0
Poisonings	X40-X49	223		18.6	21		14.5	11		12.0	85		20.4	105		19.6
Drownings	W65-W74	20		1.7	-		-	-		*	8		*	11		2.0
Firearms	W32-W34	40		3.3	12		8.3	4		*	14		3.4	10		1.9
Assault (Homicide)	X85-Y09, Y87.1	6		0.5	-		*	2		*	3		*	1		*
Firearms	X93-X95	272	2	22.7	18	2	12.4	63	1	68.7	169	1	40.6	21	4	3.9
Intentional Self-Harm (Suicide)	X60-X84, X87.0	246		20.5	15		10.3	62		67.6	151		36.2	18		3.4
Firearms	X72-X74	85	3	7.1	11	3	7.6	9	*	*	27	3	6.5	37	2	6.9
Malignant Neoplasms	C00-C97	51		4.3	6	*	*	8	*	*	16		3.8	20		3.7
Leukemia	C91-C95	54	4	4.5	11	3	7.6	4	*	*	14	4	3.4	25	3	4.7
Diseases of the Heart	I00-I09,I11, I13,I20-I25	23		1.9	3		*	2		*	6		*	12		2.2
All Other Causes		27	5	2.3	4	*	*	2	*	*	10	5	2.4	11	5	2.0
		141			9			20			58			53		
20-24 YEARS																
All Causes of Death	A00-Y89	1,323		116.7	82		59.0	185		195.5	600		155.0	451		89.3
Accidents	V01-X59, Y85-Y86															
Motor vehicle	See footnote	508	1	44.8	33	1	23.8	30	2	31.7	234	1	60.4	207	1	41.0
Poisonings	X40-X49	288		25.4	21		15.1	21		22.2	139		35.9	104		20.6
Drownings	W65-W74	71		6.3	1	*	*	2		*	27		7.0	40		7.9
Firearms	W32-W34	21		1.9	2		*	-		*	13		3.4	6		*
Assault (Homicide)	X85-Y09, Y87.1	17		1.5	-	*	*	3		*	9		*	5		*
Firearms	X93-X95	353	2	31.1	9	*	*	105	1	111.0	200	2	51.7	39	3	7.7
Intentional Self-Harm (Suicide)	X60-X84, X87.0	302		26.6	9		*	98		103.6	173		44.7	22		4.4
Firearms	X72-X74	182	3	16.1	18	2	13.0	13	3	13.7	55	3	14.2	96	2	19.0
Malignant Neoplasms	C00-C97	93		8.2	9		*	8	*	*	33		8.5	43		8.5
Leukemia	C91-C95	84	4	7.4	10	3	7.2	6	*	*	39	4	10.1	28	4	5.5
Diseases of the Heart	I00-I09,I11, I13,I20-I25	26		2.3	2	*	*	1	*	*	18		4.6	5	*	*
Congenital Malformations	Q00-Q99	18	5	1.6	-	*	*	1	*	*	10	5	2.6	7	*	*
All Other Causes		17		1.5	2		*	3		*	5		*	7		*
		161			10			27			57			67		

TABLE 16A. LEADING CAUSES OF MALE DEATHS AND AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence) - Cont.
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

AGE IN YEARS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL MALES			ASIAN/ PACIFIC ISLANDER			BLACK			HISPANIC			WHITE		
		DEATHS ³	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES
25-34 YEARS																
All Causes of Death	A00-Y89	3,054		113.4	201		65.6	378		199.4	1,175		115.8	1,278		109.4
Accidents	V01-X59, Y85-Y86	954	1	35.4	45	1	14.7	73	2	38.5	400	1	39.4	429	1	36.7
Motor vehicle	See footnote	410		15.2	29		9.5	35		18.5	186		18.3	157		13.4
Poisonings	X40-X49	300		11.1	5		*	16		8.4	120		11.8	157		13.4
Intentional Self-Harm (Suicide)	X60-X84, X87.0	401	2	14.9	38	2	12.4	25	5	13.2	99	3	9.8	236	2	20.2
Firearms	X72-X74	170		6.3	19		6.2	16		8.4	40		3.9	95		8.1
Assault (Homicide)	X85-Y09, Y87.1	400	3	14.8	18	4	5.9	116	1	61.2	207	2	20.4	54	5	4.6
Firearms	X93-X95	304		11.3	13		4.2	102		53.8	153		15.1	33		2.8
Malignant Neoplasms	C00-C97	246	4	9.1	38	3	12.4	19		10.0	84	5	8.3	104	4	8.9
Human Immunodeficiency Virus Disease	B20-B24	244	5	9.1	4		*	43	3	22.7	92	4	9.1	105	3	9.0
Diseases of the Heart	I00-I09,I11, I13,I20-I25	196		7.3	13	5	4.2	32	4	16.9	59		5.8	91		7.8
All Other Causes		613			45			70			234			259		
35-44 YEARS																
All Causes of Death	A00-Y89	5,941		204.0	353		112.0	766		406.0	1,491		177.0	3,291		212.5
Accidents	V01-X59, Y85-Y86	1,287	1	44.2	42	3	13.3	91	3	48.2	380	1	45.1	765	1	49.4
Motor vehicle	See footnote	366		12.6	17		5.4	29		15.4	122		14.5	196		12.7
Poisonings	X40-X49	599		20.6	11		3.5	44		23.3	179		21.3	362		23.4
Diseases of the Heart	I00-I09,I11, I13,I20-I25	857	2	29.4	64	2	20.3	141	1	74.7	160	2	19.0	486	2	31.4
Ischemic heart	I20-I25	485		16.7	41		13.0	57		30.2	75		8.9	311		20.1
Other heart diseases	I26-I51	284		9.8	15		4.8	59		31.3	63		7.5	144		9.3
Malignant Neoplasms	C00-C97	783	3	26.9	97	1	30.8	87	4	46.1	147	3	17.5	449	3	29.0
Human Immunodeficiency Virus Disease	B20-B24	554	4	19.0	12		3.8	107	2	56.7	146	4	17.3	286	5	18.5
Intentional Self-Harm (Suicide)	X60-X84, X87.0	485	5	16.7	32	4	10.2	27		14.3	87		10.3	339	4	21.9
Firearms	X72-X74	217		7.5	14		4.4	9		*	36		4.3	158		10.2
Chronic Liver/Cirrhosis	K70,K73-K74	328		11.3	11		3.5	15		8.0	141	5	16.7	155		10.0
Assault (Homicide)	X85-Y09, Y87.1	256		8.8	14	5	4.4	82	5	43.5	75		8.9	82		5.3
Firearms	X93-X95	158		5.4	10		3.2	56		29.7	46		5.5	45		2.9
All Other Causes		1,391			81			216			355			729		
45-54 YEARS																
All Causes of Death	A00-Y89	9,922		466.4	616		260.3	1,255		972.3	1,779		384.3	6,220		483.9
Diseases of the Heart	I00-I09,I11, I13,I20-I25	2,431	1	114.3	168	2	71.0	339	1	262.6	360	1	77.8	1,550	1	120.6
Ischemic heart	I20-I25	1,806		84.9	139		58.7	196		151.8	283		61.1	1,176		91.5
Acute myocardial infarction	I21-I22	586		27.5	50		21.1	60		46.5	96		20.7	376		29.3
Other heart diseases	I26-I51	436		20.5	16		6.8	87		67.4	57		12.3	274		21.3
Cardiomyopathy	I42	263		12.4	9		*	58		44.9	36		7.8	159		12.4
Malignant Neoplasms	C00-C97	2,353	2	110.6	211	1	89.2	259	2	200.7	325	2	70.2	1,545	2	120.2
Lung cancer	C33-C34	548		25.8	40		16.9	79		61.2	47		10.2	379		29.5
Accidents	V01-X59, Y85-Y86	1,013	3	47.6	28	4	11.8	112	3	86.8	228	3	49.3	640	3	49.8
Motor vehicle	See footnote	274		12.9	12		5.1	24		18.6	85		18.4	150		11.7
Chronic Liver/Cirrhosis	K70, K73-K74	696	4	32.7	15		6.3	45		34.9	227	4	49.0	402	4	31.3
Intentional Self-Harm (Suicide)	X60-X84, X87.0	446	5	21.0	27	5	11.4	13		10.1	37		8.0	368	5	28.6
Firearms	X72-X74	218		10.2	12		5.1	5		*	21		4.5	179		13.9
Human Immunodeficiency Virus Disease	B20-B24	383		18.0	9		*	84	4	65.1	63		13.6	225		17.5
Cerebrovascular Diseases	I60-I69	359		16.9	48	3	20.3	66	5	51.1	95	5	20.5	149		11.6
All Other Causes		2,241			110			337			444			1,341		
55-64 YEARS																
All Causes of Death	A00-Y89	13,171		1021.6	987		737.1	1,529		1998.3	1,891		810.3	8,697		1039.6
Malignant Neoplasms	C00-C97	4,404	1	341.6	362	1	270.3	454	2	593.4	527	1	225.8	3,045	1	364.0
Colon cancer	C18	319		24.7	34		25.4	37		48.4	40		17.1	207		24.7
Lung cancer	C33-C34	1,439		111.6	87		65.0	179		233.9	103		44.1	1,064		127.2
Prostate cancer	C61	214		16.6	6		*	36		47.1	26		11.1	145		17.3
Diseases of the Heart	I00-I09,I11, I13,I20-I25	3,858	2	299.2	277	2	206.9	510	1	666.5	503	2	215.5	2,551	2	304.9
Ischemic heart	I20-I25	3,161		245.2	239		178.5	385		503.2	413		177.0	2,111		252.3
Acute myocardial infarction	I21-I22	1,083		84.0	91		68.0	92		120.2	142		60.8	755		90.2
Other heart diseases	I26-I51	458		35.5	25		18.7	80		104.6	66		28.3	285		34.1
Cardiomyopathy	I42	253		19.6	15		11.2	55		71.9	34		14.6	147		17.6
Chronic Lower Respiratory Diseases	J40-J47	570	3	44.2	21		15.7	54	5	70.6	34		14.6	458	3	54.7
Cerebrovascular Diseases	I60-I69	566	4	43.9	88	3	65.7	100	3	130.7	73		31.3	301		36.0
Chronic Liver/Cirrhosis	K70, K73-K74	547	5	42.4	17		12.7	38		49.7	158	3	67.7	330	4	39.4
Accidents	V01-X59, Y85-Y86	507		39.3	35	4	26.1	54	5	70.6	97	5	41.6	316	5	37.8
Diabetes	E10-E14	444		34.4	33	5	24.6	73	4	95.4	119	4	51.0	216		25.8
All Other Causes		2,275			154			246			380			1,480		

TABLE 16A. LEADING CAUSES OF MALE DEATHS AND AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence) - Cont.
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998 rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

AGE IN YEARS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL MALES			ASIAN/ PACIFIC ISLANDER			BLACK			HISPANIC			WHITE		
		DEATHS ³	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES
65-74 YEARS																
All Causes of Death	A00-Y89	22,980		2582.5	1,619		1865.1	1,792		3987.4	2,902		2060.8	16,576		2707.3
Malignant Neoplasms	C00-C97	7,720	1	867.6	551	1	634.8	568	2	1263.9	820	2	582.3	5,755	1	939.9
Colon cancer	C18	564		63.4	34		39.2	48		106.8	55		39.1	427		69.7
Pancreatic cancer	C25	433		48.7	27		31.1	28		62.3	54		38.3	323		52.8
Lung cancer	C33-C34	2,534		284.8	215		247.7	179		398.3	176		125.0	1,955		319.3
Prostate cancer	C61	704		79.1	19		21.9	97		215.8	88		62.5	500		81.7
Urinary cancer	C64-C68	410		46.1	17		19.6	24		53.4	55		39.1	311		50.8
Diseases of the Heart	I00-I09,I11, I13,I20-I25	7,089	2	796.7	423	2	487.3	600	1	1335.1	901	1	639.8	5,138	2	839.2
Hypertensive heart	I11, I13	289		32.5	23		26.5	54		120.2	29		20.6	181		29.6
Ischemic heart	I20-I25	5,976		671.6	357		411.3	467		1039.1	769		546.1	4,361		712.3
Acute myocardial infarction	I21-I22	2,020		227.0	133		153.2	147		327.1	262		186.1	1,471		240.2
Other heart diseases	I26-I51	786		88.3	41		47.2	79		175.8	99		70.3	564		92.1
Cardiomyopathy	I42	351		39.4	22		25.3	48		106.8	42		29.8	238		38.9
Chronic Lower Respiratory Diseases	J40-J47	1,632	3	183.4	97	4	111.7	105	4	233.6	92		65.3	1,334	3	217.9
Emphysema	J43	296		33.3	16		18.4	17		37.8	10		7.1	252		41.2
Cerebrovascular Diseases	I60-I69	1,314	4	147.7	146	3	168.2	142	3	316.0	211	3	149.8	810	4	132.3
Diabetes	E10-E14	724	5	81.4	60	5	69.1	75	5	166.9	185	4	131.4	396	5	64.7
Chronic Liver/Cirrhosis	K70, K73-K74	468		52.6	18		20.7	30		66.8	122	5	86.6	292		47.7
All Other Causes		4,033			324			272			571			2,851		
75-84 YEARS																
All Causes of Death	A00-Y89	32,887		6330.2	2,143		4469.0	1,871		8473.0	2,767		4402.8	26,019		6771.2
Diseases of the Heart	I00-I09,I11, I13,I20-I25	11,317	1	2178.3	675	1	1407.6	615	1	2785.1	938	1	1492.5	9,064	1	2358.8
Hypertensive heart	I11, I13	401		77.2	39		81.3	46		208.3	28		44.6	288		74.9
Ischemic heart	I20-I25	9,452		1819.4	551		1149.0	502		2273.3	799		1271.4	7,581		1972.9
Acute myocardial infarction	I21-I22	3,003		578.0	183		381.6	172		778.9	275		437.6	2,367		616.0
Other heart diseases	I26-I51	1,419		273.1	83		173.1	66		298.9	109		173.4	1,155		300.6
Cardiomyopathy	I42	413		79.5	24		50.0	26		117.7	36		57.3	322		83.8
Malignant Neoplasms	C00-C97	8,111	2	1561.2	523	2	1090.7	488	2	2209.9	655	2	1042.2	6,422	2	1671.3
Colon cancer	C18	705		135.7	41		85.5	43		194.7	57		90.7	563		146.5
Pancreatic cancer	C25	403		77.6	25		52.1	12		54.3	35		55.7	330		85.9
Lung cancer	C33-C34	2,302		443.1	158		329.5	140		634.0	160		254.6	1,838		478.3
Prostate cancer	C61	1,249		240.4	48		100.1	130		588.7	98		155.9	970		252.4
Urinary cancer	C64-C68	501		96.4	23		48.0	23		104.2	35		55.7	417		108.5
Cerebrovascular Diseases	I60-I69	2,723	3	524.1	244	3	508.8	164	3	742.7	245	3	389.8	2,062	3	536.6
Chronic Lower Respiratory Disease	J40-J47	2,510	4	483.1	157	4	327.4	151	4	683.8	133	5	211.6	2,061	4	536.4
Emphysema	J43	420		80.8	18		37.5	23		104.2	20		31.8	357		92.9
Influenza & Pneumonia	J10-J18	1,276	5	245.6	97	5	202.3	64		289.8	107		170.3	1,007	5	262.1
Diabetes	E10-E14	848		163.2	82		171.0	76	5	344.2	147	4	233.9	537		139.7
All Other Causes		6,102			365			313			542			4,866		
85 YEARS AND OVER																
All Causes of Death	A00-Y89	21,019		15660.2	1,484		10247.2	900		17448.6	1,511		8315.9	17,099		17883.6
Diseases of the Heart	I00-I09,I11, I13,I20-I25	8,281	1	6169.8	530	1	3659.7	343	1	6649.9	577	1	3175.6	6,821	1	7134.0
Ischemic heart	I20-I25	6,725		5010.5	428		2955.4	276		5350.9	478		2630.7	5,537		5791.1
Acute myocardial infarction	I21-I22	1,931		1438.7	126		870.0	87		1686.7	148		814.5	1,568		1639.9
Other heart diseases	I26-I51	1,124		837.4	71		490.3	46		891.8	74		407.3	1,030		1077.3
Heart failure	I50	484		360.6	34		234.8	22		426.5	28		154.1	398		416.3
Malignant Neoplasms	C00-C97	3,200	2	2384.2	229	2	1581.3	174	2	3373.4	220	2	1210.8	2,572	2	2690.0
Colon cancer	C18	305		227.2	26		179.5	20		387.7	26		143.1	232		242.6
Lung cancer	C33-C34	599		446.3	38		262.4	31		601.0	43		236.7	485		507.3
Prostate cancer	C61	875		651.9	52		359.1	57		1105.1	56		308.2	709		741.5
Cerebrovascular Diseases	I60-I69	2,094	3	1560.1	191	3	1318.9	89	3	1725.5	148	3	814.5	1,664	3	1740.3
Influenza & Pneumonia	J10-J18	1,409	4	1049.8	123	4	849.3	58	4	1124.5	109	4	599.9	1,118	4	1169.3
Chronic Lower Respiratory Diseases	J40-J47	1,316	5	980.5	81	5	559.3	39	5	756.1	102	5	561.4	1,092	5	1142.1
All Other Causes		4,719			330			197			355			3,832		

- Represents zero events.

* Ranks and rates are not calculated for less than 10 deaths.

Notes: Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown.

Total Male Deaths include Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

The ICD-10 Codes for Motor Vehicle Accidents are: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

Source: State of California, Department of Health Services, Death Records.

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections with Age, Sex and Race/Ethnic Detail, December 1998.

TABLE 16B. LEADING CAUSES OF FEMALE DEATHS AND AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence)
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

AGE IN YEARS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL FEMALES			ASIAN/ PACIFIC ISLANDER			BLACK			HISPANIC			WHITE		
		DEATHS ³	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES
UNDER 1 YEAR																
All Causes of Death	A00-Y89	1,257		464.8	93		302.2	212		1159.2	577		447.1	368		404.3
Certain Perinatal Conditions	P00-P96	600	1	221.9	36	1	117.0	115	1	628.8	276	1	213.9	168	1	184.6
Congenital Malformations	Q00-Q99	324	2	119.8	29	2	94.2	24	3	131.2	172	2	133.3	99	2	108.8
Sudden Infant Death Syndrome	R95	107	3	39.6	8	*	*	26	2	142.2	38	3	29.4	34	3	37.4
Diseases of the Heart	I00-I09,I11, I13,I20-I25	31	4	11.5	5	*	*	4	*	*	16	4	12.4	6	*	*
Accidents	V01-X59, Y85-Y86	19	5	7.0	-	*	-	3	*	*	8	*	*	8	*	*
Assault (Homicide)	X85-Y09, Y87.1	16		5.9	2		*	4		*	9	*	*	1		*
Influenza & Pneumonia	J10-J18	13		4.8	3		*	2		*	6		*	2		*
All Other Causes		147			10			34			52			50		
1 - 4 YEARS																
All Causes of Death	A00-Y89	258		23.8	20		16.5	34		46.2	125		24.5	76		20.4
Accidents	V01-X59, Y85-Y86	77	1	7.1	6	*	*	12	1	16.3	36	1	7.0	23	1	6.2
Motor vehicle	See footnote	31		2.9	1		*	5		*	18		3.5	7		*
Drownings	W65-W74	21		1.9	-		*	3		*	9		*	9		*
Congenital Malformations	Q00-Q99	28	2	2.6	5	*	*	3	*	*	10	3	2.0	10	2	2.7
Malignant Neoplasms	C00-C97	25	3	2.3	1	*	*	1	*	*	16	2	3.1	6	*	*
Assault (Homicide)	X85-Y09, Y87.1	22	4	2.0	-	*	*	8	*	*	8	*	*	5	*	*
Influenza & Pneumonia	J10-J18	12	5	1.1	1	*	*	2	*	*	4	*	*	5	*	*
All Other Causes		94			7			8			51			27		
5-9 YEARS																
All Causes of Death	A00-Y89	168		11.6	20		12.7	22		20.3	69		11.0	57		10.4
Accidents	V01-X59, Y85-Y86	43	1	3.0	7	*	*	3	*	*	19	2	3.0	14	1	2.6
Motor vehicle	See footnote	29		2.0	5		*	1		*	13		2.1	10		1.8
Malignant Neoplasms	C00-C97	41	2	2.8	3	*	*	8	*	*	21	1	3.4	9	*	*
Congenital Malformations	Q00-Q99	20	3	1.4	2	*	*	2	*	*	9	*	*	7	*	*
Assault (Homicide)	X85-Y09, Y87.1	8	*	*	3	*	*	1	*	*	1	*	*	3	*	-
Diseases of the Heart	I00-I09,I11, I13,I20-I25	8	*	*	-	*	*	2	*	*	4	*	*	2	*	*
All Other Causes		48			5			6			15			22		
10-14 YEARS																
All Causes of Death	A00-Y89	173		14.3	24		17.3	28		29.4	65		14.6	55		10.5
Accidents	V01-X59, Y85-Y86	44	1	3.6	8	*	*	8	*	*	16	1	3.6	12	1	2.3
Motor vehicle	See footnote	26		2.1	4		*	6		*	9		*	7		*
Malignant Neoplasms	C00-C97	36	2	3.0	7	*	*	4	*	*	14	2	3.1	11	2	2.1
Leukemia	C91-C95	11		0.9	3		*	-		*	6		*	2		*
Congenital Malformations	Q00-Q99	15	3	*	2		*	1		*	5		*	7		*
Intentional Self-Harm (Suicide)	X60-X84, X87.0	10	4	0.8	1	*	*	3	*	*	3	*	*	3	*	*
Assault (Homicide)	X85-Y09, Y87.1	9	*	*	1	*	*	3	*	*	3	*	*	2	*	*
All Other Causes		59			5			9			24			20		
15-19 YEARS																
All Causes of Death	A00-Y89	353		31.3	37		26.8	37		43.2	126		31.9	152		30.4
Accidents	V01-X59, Y85-Y86	157	1	13.9	18	1	13.0	11	1	12.9	56	1	14.2	72	1	14.4
Motor vehicle	See footnote	101		9.0	13		9.4	8		*	39		9.9	41		8.2
Assault (Homicide)	X85-Y09, Y87.1	44	2	3.9	2	*	*	8	*	*	21	2	5.3	12	4	2.4
Firearms	X93-X95	30		2.7	2		*	5	*	*	15		3.8	8		*
Malignant Neoplasms	C00-C97	37	3	3.3	2	*	*	4	*	*	15	3	3.8	16	2	3.2
Leukemia	C91-C95	17		1.5	1	*	*	1		*	10		*	5		*
Intentional Self-Harm (Suicide)	X60-X84, X87.0	21	4	1.9	-	*	*	1	*	*	7	*	*	13	3	2.6
Diseases of the Heart	I00-I09,I11, I13,I20-I25	12	5	1.1	2		*	2		*	3		*	5		*
Congenital Malformations	Q00-Q99	9		*	2	*	*	-	*	*	4	*	*	3	*	*
All Other Causes		73			11			11			20			31		
20-24 YEARS																
All Causes of Death	A00-Y89	397		38.4	38		28.8	49		60.9	137		38.4	171		37.4
Accidents	V01-X59, Y85-Y86	134	1	13.0	10	1	7.6	13	1	*	42	1	11.8	67	1	14.6
Motor vehicle	See footnote	82		7.9	5		*	13		*	32		9.0	31		6.8
Poisonings	X40-X49	19		1.8	1		*	-		*	2		*	16		*
Malignant Neoplasms	C00-C97	48	2	4.6	4	*	*	1	*	*	22	2	6.2	21	2	4.6
Leukemia	C91-C95	16		1.5	-	*	*	-		*	11		*	5		*
Assault (Homicide)	X85-Y09, Y87.1	43	3	4.2	5	*	*	12	2	14.9	14	3	3.9	12	3	2.6
Firearms	X93-X95	21		2.0	1		*	6		*	11		3.1	3		*
Diseases of the Heart	I00-I09,I11, I13,I20-I25	24	4	2.3	2	*	*	6	*	*	7	*	*	9	*	*
Intentional Self-Harm (Suicide)	X60-X84, X87.0	23	5	2.2	9	*	*	-	*	*	2	*	*	12	3	2.6
All Other Causes		125			8			17			50			50		

TABLE 16B. LEADING CAUSES OF FEMALE DEATHS AND AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence) - Cont.
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998 rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

AGE IN YEARS AND CAUSE OF DEATH	ICD CODES (Rev.10)	TOTAL FEMALES			ASIAN/ PACIFIC ISLANDER			BLACK			HISPANIC			WHITE		
		DEATHS ³	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES
25-34 YEARS																
All Causes of Death	A00-Y89	1,242		51.9	105		35.1	167		97.0	367		46.0	592		53.3
Accidents	V01-X59, Y85-Y86	263	1	11.0	13	3	4.3	27	1	15.7	78	2	9.8	142	1	12.8
Motor vehicle	See footnote	120		5.0	8		*	15		*	44		5.5	52		4.7
Poisonings	X40-X49	82		3.4	-		*	11		6.4	14		1.8	56		5.0
Malignant Neoplasms	C00-C97	246	2	10.3	34	1	11.4	17	3	9.9	92	1	11.5	102	2	9.2
Intentional Self-Harm (Suicide)	X60-X84, X87.0	111	3	4.6	14	2	4.7	9		*	11	5	1.4	75	3	6.8
Diseases of the Heart	100-109,I11, I13,I20-I25	93	4	3.9	4	*	*	26	2	15.1	17	4	2.1	46	4	4.1
Assault (Homicide)	X85-Y09, Y87.1	75	5	3.1	8	*	*	16	4	9.3	25	3	3.1	24	5	2.2
Firearms	X93-X95	41		1.7	7		*	9		*	13		1.6	12		1.1
Human Immunodeficiency Virus Disease	B20-B24	35		1.5	-		-	16	4	9.3	9		*	10		0.9
All Other Causes		419			32			56			135			193		
35-44 YEARS																
All Causes of Death	A00-Y89	3,168		113.5	237		70.6	515		258.6	630		85.3	1,755		117.0
Malignant Neoplasms	C00-C97	939	1	33.6	120	1	35.8	116	1	58.3	213	1	28.8	484	1	32.3
Breast cancer	C50	280		10.0	28		8.3	41		20.6	71		9.6	140		9.3
Accidents	V01-X59, Y85-Y86	441	2	15.8	28	2	8.3	55	3	27.6	83	2	11.2	269	2	17.9
Motor vehicle	See footnote	127		4.5	20		6.0	13		6.5	35		4.7	57		3.8
Poisonings	X40-X49	242		8.7	3		*	38		19.1	35		4.7	162		10.8
Diseases of the Heart	100-109,I11, I13,I20-I25	315	3	11.3	13	4	3.9	72	2	36.2	55	3	7.4	173	3	11.5
Ischemic heart	I20-I25	123		4.4	4		*	29		14.6	9		*	80		5.3
Other heart diseases	I26-I51	149		5.3	6		*	27		13.6	34		4.6	81		5.4
Intentional Self-Harm (Suicide)	X60-X84, X87.0	156	4	5.6	8	*	*	9		*	12		1.6	126	4	8.4
Chronic Liver/Cirrhosis	K70,K73-K74	149	5	5.3	1		*	11		5.5	32	5	4.3	99	5	6.6
Cerebrovascular Diseases	I60-I69	144		5.2	20	3	6.0	17	5	8.5	33	4	4.5	73		4.9
Human Immunodeficiency Virus Disease	B20-B24	92		3.3	1		*	36	4	18.1	15		2.0	39		2.6
Diabetes		87		3.1	5		*	17	5		15			49		
Assault (Homicide)	X85-Y09, Y87.1	82		2.9	8		*	15		7.5	15		2.0	44		2.9
All Other Causes		763			33			167			157			399		
45-54 YEARS																
All Causes of Death	A00-Y89	5,985		277.5	497		188.9	815		561.2	940		209.2	3,704		288.5
Malignant Neoplasms	C00-C97	2,410	1	111.7	247	1	93.9	246	1	169.4	360	1	80.1	1,555	1	121.1
Lung cancer	C33-C34	398		18.5	37		14.1	42		28.9	22		4.9	297		23.1
Breast cancer	C50	687		31.9	74		28.1	65		44.8	93		20.7	455		35.4
Cancer of female genitals	C51-C58	355		16.5	56		21.3	28		19.3	68		15.1	203		15.8
Diseases of the Heart	100-109,I11, I13,I20-I25	856	2	39.7	44	3	16.7	169	2	116.4	135	2	30.0	507	2	39.5
Ischemic heart	I20-I25	502		23.3	23		8.7	79		54.4	88		19.6	311		24.2
Acute myocardial infarction	I21-I22	183		8.5	10		*	25		17.2	40		8.9	107		8.3
Other heart diseases	I26-I51	244		11.3	14		5.3	50		34.4	31		6.9	149		11.6
Accidents	V01-X59, Y85-Y86	363	3	16.8	30	4	11.4	41	5	28.2	49	4	10.9	241	3	18.8
Cerebrovascular Diseases	I60-I69	307	4	14.2	50	2	19.0	48	3	33.1	64	3	14.2	140	5	10.9
Chronic Liver/Cirrhosis	K70, K73-K74	241	5	11.2	5		*	23		15.8	41		9.1	165	4	12.9
Diabetes	250	206		9.6	17	5	6.5	46	4	31.7	44	5	9.8	98		7.6
Chronic Lower Respiratory Diseases	J40-J47	175		8.1	7		*	24		16.5	17		*	127		9.9
Intentional Self-Harm (Suicide)	X60-X84, X87.0	147		6.8	10		3.8	1		*	9		*	124		9.7
All Other Causes		1,280			87			217			221			747		
55-64 YEARS																
All Causes of Death	A00-Y89	9,283		683.3	666		450.5	1,102		1252.0	1,333		538.0	6,134		709.0
Malignant Neoplasms	C00-C97	3,990	1	293.7	298	1	201.6	378	1	429.5	459	1	185.2	2,838	1	328.0
Colon cancer	C18	268		19.7	20		13.5	41		46.6	35		14.1	172		19.9
Lung cancer	C33-C34	1,036		76.3	52		35.2	92		104.5	48		19.4	837		96.7
Breast cancer	C50	716		52.7	53		35.8	68		77.3	90		36.3	502		58.0
Cancer of female genitals	C51-C58	452		33.3	31		21.0	42		47.7	72		29.1	307		35.5
Diseases of the Heart	100-109,I11, I13,I20-I25	1,906	2	140.3	112	2	75.8	317	2	360.2	279	2	112.6	1,189	2	137.4
Ischemic heart	I20-I25	1,396		102.8	78		52.8	214		243.1	214		86.4	885		102.3
Acute myocardial infarction	I21-I22	496		36.5	35		23.7	65		73.8	78		31.5	317		36.6
Other heart diseases	I26-I51	305		22.5	17		11.5	57		64.8	39		15.7	190		22.0
Cardiomyopathy	I42	124		9.1	9		*	32		36.4	16		6.5	66		7.6
Chronic Lower Respiratory Diseases	J40-J47	548	3	40.3	16		10.8	43	5	48.9	28		11.3	459	3	53.1
Diabetes	E10-E14	447	4	32.9	36	4	24.4	61	4	69.3	156	3	63.0	193	5	22.3
Cerebrovascular Diseases	I60-I69	437	5	32.2	70	3	47.3	66	3	75.0	79	4	31.9	220	4	25.4
Chronic Liver/Cirrhosis	K70, K73-K74	224		16.5	6		*	23		26.1	43	5	17.4	147		17.0
Accidents	V01-X59, Y85-Y86	213		15.7	21	5	14.2	25		28.4	27		10.9	140		16.2
All Other Causes		1,518			107			189			262			948		

TABLE 16B. LEADING CAUSES OF FEMALE DEATHS AND AGE-SPECIFIC DEATH RATES BY RACE/ETHNICITY, CALIFORNIA 1999 (By Place of Residence) - Cont.
 (Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

AGE IN YEARS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL FEMALES			ASIAN/ PACIFIC ISLANDER			BLACK			HISPANIC			WHITE		
		DEATHS ³	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	RATES
65-74 YEARS																
All Causes of Death	A00-Y89	18,640		1765.4	1,329		1188.5	1,692		2876.3	2,455		1453.8	13,090		1842.3
Malignant Neoplasms	C00-C97	6,526	1	618.1	452	1	404.2	477	2	810.9	698	1	413.3	4,884	1	687.4
Colon cancer	C18	467		44.2	53		47.4	48		81.6	51		30.2	315		44.3
Pancreatic cancer	C25	353		33.4	30		26.8	32		54.4	52		30.8	238		33.5
Lung cancer	C33-C34	1,956		185.3	117		104.6	142		241.4	111		65.7	1,583		222.8
Breast cancer	C50	892		84.5	46		41.1	55		93.5	82		48.6	706		99.4
Cancer of female genitals	C51-C58	647		61.3	30		26.8	43		73.1	88		52.1	485		68.3
Diseases of the Heart	I00-I09,I11, I13,I20-I25	4,656	2	441.0	330	2	295.1	544	1	924.8	646	2	382.6	3,113	2	438.1
Hypertensive heart	I11, I13	273		25.9	27		24.1	62		105.4	26		15.4	158		22.2
Ischemic heart	I20-I25	3,651		345.8	253		226.3	405		688.5	528		312.7	2,445		344.1
Acute myocardial infarction	I21-I22	1,275		120.8	100		89.4	139		236.3	183		108.4	844		118.8
Other heart diseases	I26-I51	665		63.0	44		39.3	73		124.1	76		45.0	469		66.0
Chronic Lower Respiratory Diseases	J40-J47	1,605	3	152.0	57	5	51.0	87	5	147.9	80	5	47.4	1,378	3	193.9
Emphysema	J43	254		24.1	2		*	8		*	8		*	236		33.2
Cerebrovascular Diseases	I60-I69	1,312	4	124.3	141	3	126.1	161	3	273.7	187	4	110.7	819	4	115.3
Diabetes	E10-E14	808	5	76.5	72	4	64.4	105	4	178.5	248	3	146.9	371	5	52.2
Influenza & Pneumonia	J10-J18	387		36.7	28		25.0	40		68.0	68		40.3	251		35.3
Chronic Liver/Cirrhosis	K70, K73-K74	276		26.1	14		12.5	12		20.4	66		39.1	182		25.6
All Other Causes		3,070			235			266			462			2,092		
75-84 YEARS																
All Causes of Death	A00-Y89	33,501		4449.0	1,858		2971.9	2,158		5884.3	2,778		3112.8	26,621		4744.6
Diseases of the Heart	I00-I09,I11, I13,I20-I25	10,811	1	1435.7	584	1	934.1	828	1	2257.7	897	1	1005.1	8,483	1	1511.9
Hypertensive heart	I11, I13	573		76.1	43		68.8	82		223.6	42		47.1	404		72.0
Ischemic heart	I20-I25	8,578		1139.2	458		732.6	633		1726.0	719		805.6	6,754		1203.7
Acute myocardial infarction	I21-I22	2,755		365.9	167		267.1	215		586.2	243		272.3	2,127		379.1
Other heart diseases	I26-I51	1,576		209.3	76		121.6	113		308.1	125		140.1	1,259		224.4
Heart failure	I50	514		68.3	24		*	44		120.0	43		48.2	402		71.6
Malignant Neoplasms	C00-C97	7,644	2	1015.1	440	2	703.8	429	2	1169.8	574	2	643.2	6,183	2	1102.0
Colon cancer	C18	661		87.8	33		52.8	40		109.1	39		43.7	548		97.7
Pancreatic cancer	C25	465		61.8	31		49.6	24		65.4	53		59.4	355		63.3
Lung cancer	C33-C34	2,033		270.0	104		166.4	109		297.2	83		93.0	1,731		308.5
Breast cancer	C50	904		120.1	18		28.8	55		150.0	56		62.7	773		137.8
Cancer of female genitals	C51-C58	712		94.6	45		72.0	32		87.3	60		67.2	572		101.9
Cerebrovascular Diseases	I60-I69	3,485	3	462.8	250	3	399.9	239	3	651.7	281	3	314.9	2,705	3	482.1
Chronic Lower Respiratory Diseases	J40-J47	2,700	4	358.6	64		102.4	99	5	269.9	115	5	128.9	2,411	4	429.7
Emphysema	J43	411		54.6	6		*	14		*	13		14.6	377		67.2
Influenza & Pneumonia	J10-J18	1,307	5	173.6	88	4	140.8	69		188.1	102		114.3	1,044	5	186.1
Diabetes	E10-E14	1,003		133.2	87	5	139.2	110	4	299.9	209	4	234.2	590		105.2
Alzheimer's Disease	G30	846		112.4	17		*	41		111.8	58		65.0	729		129.9
All Other Causes		5,705			328			343			542			4,476		
85 YEARS AND OVER																
All Causes of Death	A00-Y89	39,907		13537.1	1,550		8428.0	1,887		15073.1	2,690		7549.4	33,703		14864.9
Diseases of the Heart	I00-I09,I11, I13,I20-I25	17,049	1	5783.3	638	1	3469.1	852	1	6805.7	1,172	1	3289.2	14,355	1	6331.3
Hypertensive heart	I11, I13	958		325.0	55		299.1	76		607.1	60		168.4	766		337.8
Ischemic heart	I20-I25	13,343		4526.2	494		2686.1	680		5431.7	952		2671.8	11,191		4935.8
Acute myocardial infarction	I21-I22	3,411		1157.1	143		777.6	211		1685.4	261		732.5	2,791		1231.0
Other heart diseases	I26-I51	2,686		911.1	86		467.6	94		750.9	159		446.2	2,342		1033.0
Heart failure	I50	1,144		388.1	38		206.6	32		255.6	77		216.1	994		438.4
Cerebrovascular Diseases	I60-I69	5,082	2	1723.9	230	2	1250.6	271	2	2164.7	289	2	811.1	4,281	2	1888.2
Malignant Neoplasms	C00-C97	3,871	3	1313.1	162	3	880.9	188	3	1501.7	285	3	799.8	3,230	3	1424.6
Colon cancer	C18	534		181.1	12		65.2	32		255.6	35		98.2	455		200.7
Lung cancer	C33-C34	656		222.5	36		195.7	23		183.7	46		129.1	550		242.6
Breast cancer	C50	512		173.7	14		*	17		135.8	26		73.0	453		199.8
Influenza & Pneumonia	J10-J18	2,544	4	863.0	112	4	609.0	96	4	766.8	181	4	508.0	2,154	4	950.0
Chronic Lower Respiratory Disease	J40-J47	1,781	5	604.1	54	5	293.6	48		383.4	87		244.2	1,586	5	699.5
Alzheimer's Disease	G30	1,665		564.8	25		135.9	63		503.2	91		255.4	1,482		653.6
Atherosclerosis	I70	702		238.1	24		130.5	22		175.7	47		131.9	607		267.7
Diabetes	E10-E14	652		221.2	49		266.4	73	5	583.1	108	5	303.1	422		186.1
All Other Causes		6,561			256			274			430			5,586		

- Represents zero events.

* Ranks and rates are not calculated for less than 10 deaths.

Notes: Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown.

Total Female Deaths include Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

The ICD-10 Codes for Motor Vehicle Accidents are: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

Source: State of California, Department of Health Services, Death Records.

State of California, Department of Finance, 1999 Population: 1997-2040 Population Projections by Age, Sex and Race/Ethnic Groups, December 1998.

TABLE 5-17. NUMBER AND PERCENT OF LEADING CAUSES OF DEATH FOR CALIFORNIA DISTRIBUTED BY RACE, CALIFORNIA, 1999 (By Place of Residence)
(Causes of death are coded to the Tenth Revision of the International Classification of Diseases, 1998.)

RACE/ETHNICITY	ALL CAUSES A00-Y89	LEADING CAUSES OF DEATH FOR CALIFORNIA												ALL OTHER CAUSES Residual
		Diseases of Heart I00-I09, I11, I13, I20-I51	Malignant Neoplasms C00-C97	Cerebrovascular Diseases I60-I69	Chronic Lower Respiratory Diseases J40-J47	Accidents V01-X59, Y85-Y86	Influenza/ Pneumonia J10-J18	Diabetes E10-E14	Alzheimer's Disease G30	Cirrhosis K70, K73-K74	Intentional Self-Harm (Suicide) X60-X84, Y87.0	Assault (Homicide) X85-Y09, Y87.1	Hypertension I10, I12	
DEATHS														
CALIFORNIA	227,965	69,900	52,880	18,079	13,187	8,940	8,014	6,004	3,934	3,546	3,047	2,042	1,879	36,513
AMERICAN INDIAN	850	200	169	58	45	67	15	47	7	52	15	19	3	153
BLACK	17,959	5,444	3,960	1,411	730	715	467	735	181	231	141	515	269	3,160
CAMBODIAN	223	35	47	26	5	11	6	18	-	7	2	7	4	55
CHINESE	4,122	1,073	1,265	447	183	118	189	138	22	23	52	25	39	548
ESKIMO/ALEUT	4	-	1	-	-	1	-	-	-	-	-	1	-	1
FILIPINO	3,899	1,194	880	451	201	135	137	139	26	20	41	22	45	608
INDIAN (INDIA)	595	209	82	51	17	42	25	20	1	13	17	7	6	105
JAPANESE	1,982	602	562	195	58	48	74	69	19	14	28	6	18	289
KOREAN	1,132	263	336	112	33	67	52	41	7	12	36	14	10	149
LAOTIAN	215	37	57	26	8	13	7	6	-	4	5	5	5	42
PACIFIC ISLANDER	587	175	141	38	20	31	15	30	2	4	14	7	4	106
THAI	87	21	22	14	1	6	2	-	-	-	4	-	1	16
VIETNAMESE	1,101	212	349	112	34	56	40	23	5	18	27	29	17	179
WHITE	194,702	60,326	44,904	15,097	11,831	7,585	6,973	4,714	3,663	3,138	2,658	1,371	1,454	30,988
OTHER ASIAN	376	86	86	32	15	34	7	16	1	2	6	11	4	76
OTHER	26	4	6	2	1	2	-	1	-	4	-	-	-	6
UNKNOWN	105	19	13	7	5	9	5	7	-	4	1	3	-	32
PERCENT BY RACE														
CALIFORNIA	100.0	30.7	23.2	7.9	5.8	3.9	3.5	2.6	1.7	1.6	1.3	0.9	0.8	16.0
AMERICAN INDIAN	100.0	23.5	19.9	6.8	5.3	7.9	1.8	5.5	0.8	6.1	1.8	2.2	0.4	18.0
BLACK	100.0	30.3	22.1	7.9	4.1	4.0	2.6	4.1	1.0	1.3	0.8	2.9	1.5	17.6
CAMBODIAN	100.0	15.7	21.1	11.7	2.2	4.9	2.7	8.1	-	3.1	0.9	3.1	1.8	24.7
CHINESE	100.0	26.0	30.7	10.8	4.4	2.9	4.6	3.3	0.5	0.6	1.3	0.6	0.9	13.3
ESKIMO/ALEUT	100.0	-	25.0	-	-	25.0	-	-	-	-	-	25.0	-	25.0
FILIPINO	100.0	30.6	22.6	11.6	5.2	3.5	3.5	3.6	0.7	0.5	1.1	0.6	1.2	15.6
INDIAN (INDIA)	100.0	35.1	13.8	8.6	2.9	7.1	4.2	3.4	0.2	2.2	2.9	1.2	1.0	17.6
JAPANESE	100.0	30.4	28.4	9.8	2.9	2.4	3.7	3.5	1.0	0.7	1.4	0.3	0.9	14.6
KOREAN	100.0	23.2	29.7	9.9	2.9	5.9	4.6	3.6	0.6	1.1	3.2	1.2	0.9	13.2
LAOTIAN	100.0	17.2	26.5	12.1	3.7	6.0	3.3	2.8	0.0	1.9	2.3	2.3	2.3	19.5
PACIFIC ISLANDER	100.0	29.8	24.0	6.5	3.4	5.3	2.8	5.1	0.3	0.7	2.4	1.2	0.7	18.1
THAI	100.0	24.1	25.3	16.1	1.1	6.9	2.3	-	-	-	4.6	-	1.1	18.4
VIETNAMESE	100.0	19.3	31.7	10.2	3.1	5.1	3.6	2.1	0.5	1.6	2.5	2.6	1.5	16.3
WHITE	100.0	31.0	23.1	7.8	6.1	3.9	3.6	2.4	1.9	1.6	1.4	0.7	0.7	15.9
OTHER ASIAN	100.0	22.9	22.9	8.5	4.0	9.0	1.9	4.3	0.3	0.5	1.6	2.9	1.1	20.2
OTHER	100.0	15.4	23.1	7.7	3.8	7.7	-	3.8	-	15.4	-	-	-	23.1
UNKNOWN	100.0	18.1	12.4	6.7	4.8	8.6	4.8	6.7	-	3.8	1.0	2.9	-	30.5

- Represents zero events.

Note: Percents are rounded independently and may not add to totals.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-18. DEATHS BY SEX AND RACE/ETHNICITY BY COUNTY AND SELECTED CITY HEALTH DEPARTMENTS, CALIFORNIA, 1999 (By Place of Residence)

COUNTY	TOTAL	SEX		RACE/ETHNICITY					
		MALE	FEMALE	AMERICAN INDIAN	ASIAN/PACIFIC ISLANDER	BLACK	HISPANIC	WHITE/OTHER RACES	UNKNOWN
CALIFORNIA	227,965	113,624	114,341	772	14,246	17,842	27,907	167,094	104
ALAMEDA	9,863	4,824	5,039	31	1,026	2,052	725	6,026	3
Berkeley *	645	315	330	-	41	227	22	355	-
ALPINE	7	6	1	2	-	-	1	4	-
AMADOR	359	187	172	2	4	3	6	344	-
BUTTE	2,124	1,126	998	12	18	18	54	2,022	-
CALAVERAS	418	211	207	4	3	3	13	395	-
COLUSA	148	81	67	1	2	-	15	130	-
CONTRA COSTA	6,569	3,193	3,376	11	349	628	404	5,174	3
DEL NORTE	224	110	114	15	2	1	2	204	-
EL DORADO	1,149	589	560	6	13	-	23	1,107	-
FRESNO	5,460	2,750	2,710	18	258	338	1,073	3,772	1
GLENN	241	123	118	4	4	3	14	216	-
HUMBOLDT	1,159	571	588	41	7	6	17	1,088	-
IMPERIAL	856	495	361	3	17	24	408	404	-
INYO	198	89	109	8	2	-	5	183	-
KERN	4,656	2,410	2,246	24	97	296	616	3,621	2
KINGS	700	360	340	3	19	43	137	498	-
LAKE	611	323	288	11	2	18	22	558	-
LASSEN	199	115	84	8	1	3	3	184	-
LOS ANGELES	59,614	29,674	29,940	105	4,690	8,484	11,189	35,123	23
Long Beach *	3,276	1,658	1,618	10	264	416	302	2,281	3
Pasadena *	1,164	555	609	2	49	246	111	755	1
MADERA	868	474	394	7	10	37	149	665	-
MARIN	1,794	819	975	4	49	42	35	1,663	1
MARIPOSA	183	111	72	3	-	-	5	175	-
MENDOCINO	769	385	384	26	4	1	21	716	1
MERCED	1,383	709	674	2	57	84	245	994	1
MODOC	101	48	53	3	-	-	2	96	-
MONO	32	21	11	-	-	1	2	29	-
MONTEREY	2,374	1,236	1,138	9	165	74	368	1,758	-
NAPA	1,218	642	576	1	11	4	52	1,150	-
NEVADA	869	443	426	8	2	1	13	845	-
ORANGE	16,644	7,948	8,696	19	1,147	180	1,571	13,718	9
PLACER	1,778	901	877	6	30	15	81	1,646	-
PLUMAS	220	120	100	3	-	1	2	214	-
RIVERSIDE	12,019	6,187	5,832	53	178	650	1,366	9,767	5
SACRAMENTO	9,004	4,367	4,637	31	573	805	555	7,037	3
SAN BENITO	269	146	123	-	6	-	70	193	-
SAN BERNARDINO	10,909	5,559	5,350	34	263	833	1,717	8,059	3
SAN DIEGO	19,168	9,693	9,475	67	862	862	1,912	15,444	21
SAN FRANCISCO	6,645	3,457	3,188	8	1,525	864	486	3,756	6
SAN JOAQUIN	4,348	2,232	2,116	22	330	294	509	3,192	1
SAN LUIS OBISPO	2,024	1,014	1,010	6	22	10	95	1,887	4
SAN MATEO	4,926	2,363	2,563	6	548	243	334	3,793	2
SANTA BARBARA	2,951	1,415	1,536	9	89	43	315	2,495	-
SANTA CLARA	9,033	4,358	4,675	15	1,204	224	1,077	6,504	9
SANTA CRUZ	1,632	822	810	6	37	13	135	1,440	1
SHASTA	1,686	847	839	25	11	9	24	1,616	1
SIERRA	39	20	19	2	-	-	1	36	-
SISKIYOU	465	226	239	7	1	11	9	437	-
SOLANO	2,358	1,195	1,163	5	211	362	153	1,627	-
SONOMA	3,735	1,701	2,034	15	45	34	160	3,480	1
STANISLAUS	3,354	1,652	1,702	7	62	57	322	2,906	-
SUTTER	644	312	332	1	45	6	43	549	-
TEHAMA	618	330	288	1	4	3	20	588	2
TRINITY	137	71	66	1	2	-	3	131	-
TULARE	2,545	1,316	1,229	18	50	38	538	1,901	-
TUOLUMNE	528	277	251	5	3	2	12	506	-
VENTURA	4,556	2,193	2,363	14	134	77	639	3,691	1
YOLO	1,033	490	543	7	31	23	114	858	-
YUBA	551	287	264	7	21	19	25	479	-

- Represents zero events.

* City Health Department.

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. American Indian includes Eskimo and Aleut. Hispanic includes any race category. Unknown includes Not Stated.

Source: State of California, Department of Health Services, Death Records.

TABLE 19. DEATHS BY RACE, COUNTY, AND SELECTED CITY HEALTH DEPARTMENTS, CALIFORNIA 1999 (By Place of Residence)

COUNTY	TOTAL DEATHS	AMERICAN INDIAN	BLACK	CAMBODIAN	CHINESE	ESKIMO/ALEUT	FILIPINO	INDIAN (INDIA)	JAPANESE	KOREAN	LAOTIAN	PACIFIC ISLANDER	THAI	VIETNAMESE	WHITE	OTHER RACES	UNKNOWN
CALIFORNIA	227,965	850	17,959	223	4,122	4	3,899	595	1,982	1,132	215	587	87	1,101	194,702	402	105
ALAMEDA	9,863	34	2,056	14	446	1	261	74	76	36	6	56	-	52	6,731	17	3
Berkeley *	645	-	227	-	23	-	-	5	10	-	-	-	-	2	377	1	-
ALPINE	7	2	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
AMADOR	359	2	3	-	-	-	1	-	2	1	-	-	-	-	350	-	-
BUTTE	2,124	12	18	-	1	-	3	2	1	-	1	2	-	-	2,076	8	-
CALAVERAS	418	4	3	-	-	-	1	-	1	-	-	1	-	-	408	-	-
COLUSA	148	1	-	-	-	-	-	1	1	-	-	-	-	-	145	-	-
CONTRA COSTA	6,569	12	630	-	95	-	127	27	36	13	9	17	3	9	5,571	17	3
DEL NORTE	224	15	1	-	-	-	-	-	-	-	-	-	-	1	206	1	-
EL DORADO	1,149	6	-	-	1	-	8	-	1	1	-	2	-	-	1,130	-	-
FRESNO	5,460	22	339	12	19	-	35	27	66	3	33	4	-	4	4,837	58	1
GLENN	241	4	3	-	-	-	-	1	1	1	1	-	-	-	230	1	-
HUMBOLDT	1,159	41	6	-	1	-	-	1	1	1	2	-	-	1	1,105	-	-
IMPERIAL	856	3	24	-	4	-	10	2	1	-	-	-	-	1	811	-	-
INYO	198	9	-	-	-	-	1	1	-	-	-	-	-	-	187	-	-
KERN	4,656	26	296	3	8	-	60	13	3	4	1	2	-	2	4,235	1	2
KINGS	700	3	43	-	1	-	13	1	3	-	-	-	-	1	635	-	-
LAKE	611	11	18	-	1	-	-	-	1	-	-	-	-	-	579	1	-
LASSEN	199	8	3	-	-	-	-	-	-	-	-	1	-	-	187	-	-
LOS ANGELES	59,614	120	8,542	83	1,329	-	1,137	121	843	700	8	156	47	214	46,219	71	24
Long Beach *	3,276	11	420	54	15	-	93	-	33	6	1	28	1	25	2,578	8	3
Pasadena *	1,164	3	247	-	12	-	11	2	19	2	-	1	-	-	864	2	1
MADERA	868	7	38	-	2	-	1	1	4	1	-	-	-	-	813	1	-
MARIN	1,794	4	42	1	13	-	5	4	16	1	-	2	1	6	1,698	-	1
MARIPOSA	183	4	-	-	-	-	-	-	-	-	-	-	-	-	179	-	-
MENDOCINO	769	26	2	-	2	-	-	1	1	-	-	-	-	-	736	-	1
MERCED	1,383	2	85	1	1	-	3	10	2	-	26	1	3	2	1,237	9	1
MODOC	101	3	-	-	-	-	-	-	-	-	-	-	-	-	98	-	-
MONO	32	-	1	-	-	-	-	-	-	-	-	-	-	-	31	-	-
MONTEREY	2,374	9	76	-	12	-	92	2	28	15	-	11	-	5	2,123	1	-
NAPA	1,218	1	4	-	1	-	6	-	2	-	-	2	-	-	1,202	-	-
NEVADA	869	9	2	-	-	-	1	-	1	-	-	-	-	-	856	-	-
ORANGE	16,644	29	186	17	178	-	155	43	153	155	14	46	9	364	15,266	20	9
PLACER	1,778	6	15	-	5	-	7	2	16	0	-	1	-	-	1,726	-	-
PLUMAS	220	3	1	-	-	-	-	0	0	0	-	-	-	-	216	-	-
RIVERSIDE	12,019	60	652	5	18	1	64	9	24	9	8	13	2	13	11,122	14	5
SACRAMENTO	9,004	36	809	2	173	-	96	32	117	21	26	17	-	26	7,578	68	3
SAN BENITO	269	1	-	-	-	-	4	0	0	0	-	-	-	-	262	2	-
SAN BERNARDINO	10,909	37	839	6	39	-	90	20	25	24	-	18	5	24	9,762	17	3
SAN DIEGO	19,168	76	872	16	91	-	434	12	93	25	31	79	4	74	17,331	9	21
SAN FRANCISCO	6,645	10	872	2	1,050	-	293	12	82	26	2	31	-	23	4,224	12	6
SAN JOAQUIN	4,348	24	295	31	43	1	138	11	50	2	15	9	2	10	3,695	21	1
SAN LUIS OBISPO	2,024	7	11	-	3	-	12	-	4	1	-	2	1	-	1,978	1	4
SAN MATEO	4,926	8	245	-	161	-	236	31	63	11	-	45	-	3	4,113	8	2
SANTA BARBARA	2,951	11	46	-	13	-	42	2	21	4	3	1	-	2	2,803	3	-
SANTA CLARA	9,033	16	224	17	326	-	287	63	159	59	4	28	5	245	7,578	13	9
SANTA CRUZ	1,632	6	13	-	4	-	18	1	8	2	-	1	-	2	1,575	1	1
SHASTA	1,686	26	9	-	2	-	2	1	-	-	3	-	-	-	1,639	3	1
SIERRA	39	2	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-
SISKIYOU	465	7	11	-	-	-	1	-	-	-	-	-	-	-	446	-	-
SOLANO	2,358	7	362	-	16	-	143	8	15	5	5	18	1	1	1,775	2	-
SONOMA	3,735	16	34	1	13	-	8	1	11	-	1	6	1	4	3,638	-	1
STANISLAUS	3,354	7	59	10	11	-	8	19	5	-	6	1	-	1	3,226	1	-
SUTTER	644	1	6	-	2	-	2	33	5	1	-	-	-	-	592	2	-
TEHAMA	618	1	3	-	2	-	-	-	1	-	-	-	-	1	608	-	2
TRINITY	137	1	-	-	-	-	-	-	1	-	-	1	-	-	134	-	-
TULARE	2,545	18	38	-	8	-	22	2	6	1	3	1	-	2	2,438	6	-
TUOLUMNE	528	5	2	-	1	-	-	-	-	-	-	2	-	-	518	-	-
VENTURA	4,556	13	78	1	18	1	67	-	23	6	-	7	3	8	4,328	2	1
YOLO	1,033	8	23	1	5	-	3	3	8	1	4	1	-	-	971	5	-
YUBA	551	8	19	-	3	-	2	1	2	2	3	2	-	-	503	6	-

¹ Race categories reported on death certificates.

- Represents zero events.

* City Health Department.

TABLE 5-20. DEATHS BY AGE, COUNTY, AND SELECTED CITY HEALTH DEPARTMENTS, CALIFORNIA, 1999 (By Place of Residence)

COUNTY	TOTAL	AGE GROUPS										
		Under 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	UNKNOWN
CALIFORNIA	227,965	3,382	793	3,018	4,296	9,109	15,907	22,454	41,620	66,388	60,926	72
ALAMEDA	9,863	126	30	118	193	420	771	1,075	1,775	2,734	2,621	-
Berkeley ¹	645	4	-	8	10	18	58	61	92	173	221	-
ALPINE	7	-	-	-	-	-	-	1	3	2	1	-
AMADOR	359	1	3	2	6	10	20	26	66	110	115	-
BUTTE	2,124	13	5	23	23	69	116	192	385	665	633	-
CALAVERAS	418	1	-	5	6	20	23	45	106	117	95	-
COLUSA	148	2	-	1	2	8	11	13	34	44	33	-
CONTRA COSTA	6,569	79	24	90	120	206	461	643	1,167	2,029	1,749	1
DEL NORTE	224	1	2	2	1	12	25	26	42	67	46	-
EL DORADO	1,149	8	-	19	13	41	84	132	232	341	279	-
FRESNO	5,460	107	25	113	125	226	390	543	953	1,518	1,458	2
GLENN	241	4	1	4	1	6	10	18	42	83	72	-
HUMBOLDT	1,159	7	3	15	20	47	90	121	186	355	315	-
IMPERIAL	856	13	5	13	20	42	80	88	190	217	170	18
INYO	198	-	-	2	-	7	9	20	37	69	53	1
KERN	4,656	102	18	82	90	216	346	541	936	1,317	1,006	2
KINGS	700	21	3	9	15	34	63	78	138	196	143	-
LAKE	611	2	2	3	7	26	42	60	140	193	136	-
LASSEN	199	2	-	3	1	6	14	20	35	67	51	-
LOS ANGELES	59,614	1,016	235	937	1,321	2,645	4,446	6,100	10,876	16,597	15,437	4
Long Beach ¹	3,276	56	11	47	72	158	306	325	557	894	850	-
Pasadena ¹	1,164	19	3	10	14	48	69	106	197	321	377	-
MADERA	868	15	3	12	19	38	49	92	172	241	227	-
MARIN	1,794	9	2	7	14	54	127	135	308	556	581	1
MARIPOSA	183	4	-	1	4	6	5	22	28	67	46	-
MENDOCINO	769	6	3	8	16	35	54	89	137	222	199	-
MERCED	1,383	27	13	25	26	65	110	153	269	372	323	-
MODOC	101	1	-	-	1	2	4	9	24	33	27	-
MONO	32	1	1	-	2	3	3	4	8	7	3	-
MONTEREY	2,374	37	7	46	42	71	164	209	438	722	638	-
NAPA	1,218	6	2	8	10	32	68	79	183	394	436	-
NEVADA	869	4	1	9	11	26	45	70	155	284	264	-
ORANGE	16,644	256	51	194	312	552	999	1,571	2,885	4,911	4,913	-
PLACER	1,778	20	4	12	22	45	109	146	352	558	510	-
PLUMAS	220	2	1	2	2	4	12	25	57	62	53	-
RIVERSIDE	12,019	204	35	134	222	457	736	1,121	2,338	3,739	3,027	6
SACRAMENTO	9,004	141	33	111	177	376	687	918	1,742	2,547	2,270	2
SAN BENITO	269	4	2	2	9	7	18	21	51	84	71	-
SAN BERNARDINO	10,909	249	53	193	209	493	845	1,285	2,123	3,047	2,406	6
SAN DIEGO	19,168	259	49	229	303	742	1,208	1,647	3,413	5,934	5,362	22
SAN FRANCISCO	6,645	36	9	47	145	340	537	613	1,072	1,800	2,046	-
SAN JOAQUIN	4,348	53	18	66	94	170	329	464	804	1,224	1,126	-
SAN LUIS OBISPO	2,024	7	6	24	25	64	122	150	355	674	595	2
SAN MATEO	4,926	41	14	28	73	149	297	427	834	1,563	1,500	-
SANTA BARBARA	2,951	33	8	23	48	83	150	204	502	892	1,008	-
SANTA CLARA	9,033	149	30	91	161	349	591	890	1,653	2,652	2,465	2
SANTA CRUZ	1,632	17	5	16	26	58	122	116	257	456	559	-
SHASTA	1,686	15	7	12	27	65	99	189	330	529	413	-
SIERRA	39	-	-	-	-	1	1	3	6	12	16	-
SISKIYOU	465	1	-	3	7	19	31	40	83	147	134	-
SOLANO	2,358	37	9	32	43	100	193	301	471	707	465	-
SONOMA	3,735	37	11	35	48	108	239	298	621	1,138	1,199	1
STANISLAUS	3,354	58	13	48	68	142	259	361	636	946	822	1
SUTTER	644	6	3	17	9	19	29	71	134	191	165	-
TEHAMA	618	10	2	4	5	21	43	51	130	207	145	-
TRINITY	137	3	-	2	3	3	12	20	27	44	23	-
TULARE	2,545	42	15	56	62	103	182	274	473	686	652	-
TUOLUMNE	528	3	1	4	2	18	29	52	108	158	153	-
VENTURA	4,556	67	18	55	62	172	276	406	818	1,398	1,284	-
YOLO	1,033	9	6	14	12	48	77	107	168	307	284	1
YUBA	551	8	2	7	11	28	45	79	112	156	103	-

¹ City Health Department.

- Represents zero events.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-21. TEN LEADING CAUSES OF DEATH FOR CALIFORNIA DISTRIBUTED BY COUNTY AND SELECTED CITY HEALTH DEPARTMENTS, CALIFORNIA, 1999 (By Place of Residence)
 (Causes of death are coded to the **Tenth Revision of the International Classification of Diseases, 1**)

COUNTY	ALL CAUSES A00-Y89	TEN LEADING CAUSES OF DEATH FOR CALIFORNIA										ALL OTHER CAUSES Residual
		Diseases of Heart I00-I09, I11, I13, I20-I25	Malignant Neoplasms C00-C97	Cerebro-vascular Diseases I60-I69	Chronic Lower Respiratory Diseases J40-J47	Accidents V01-X59, Y85-Y86	Influenza/ Pneumonia J10-J18	Diabetes E10-E14	Alzheimer's Disease G30	Cirrhosis K70, K73-K74	Intentional Self-Harm (Suicide) X60-X84, Y87.0	
CALIFORNIA	227,965	69,900	52,880	18,079	13,187	8,940	8,014	6,004	3,934	3,546	3,047	40,434
ALAMEDA	9,863	2,883	2,326	846	522	345	330	285	183	142	114	1,887
Berkeley	645	182	151	67	25	24	18	13	22	5	11	127
ALPINE	7	2	1	1	1	-	1	-	-	-	-	1
AMADOR	359	113	79	34	18	12	14	5	7	5	8	64
BUTTE	2,124	547	519	179	159	91	78	45	29	29	30	418
CALAVERAS	418	121	120	28	31	23	8	6	4	7	7	63
COLUSA	148	49	34	6	9	3	3	4	2	2	2	34
CONTRA COSTA	6,569	1,769	1,571	622	369	226	168	146	97	105	89	1,407
DEL NORTE	224	52	54	18	13	11	8	5	1	4	2	56
EL DORADO	1,149	343	302	76	51	47	40	28	17	21	21	203
FRESNO	5,460	1,586	1,191	415	299	328	143	204	77	99	63	1,055
GLENN	241	74	52	24	13	10	9	8	3	5	3	40
HUMBOLDT	1,159	296	266	88	69	68	42	30	33	16	20	231
IMPERIAL	856	253	184	56	39	77	10	24	5	19	12	177
INYO	198	63	54	11	13	5	7	4	-	7	3	31
KERN	4,656	1,536	1,022	300	342	244	143	105	33	98	62	771
KINGS	700	201	138	52	45	43	11	40	9	15	10	136
LAKE	611	181	144	60	34	34	12	18	6	13	11	98
LASSEN	199	65	40	11	20	4	5	5	4	3	5	37
LOS ANGELES	59,614	20,006	13,457	4,435	3,031	2,002	2,242	1,820	772	1,047	732	10,070
Long Beach	3,276	1,101	671	245	213	100	124	72	39	57	42	612
Pasadena	1,164	434	251	72	57	37	60	25	19	23	13	173
MADERA	868	252	193	54	54	50	20	28	31	9	13	164
MARIN	1,794	473	440	191	102	55	76	18	28	27	28	356
MARIPOSA	183	51	38	13	14	16	3	5	3	2	2	36
MENDOCINO	769	206	193	57	53	37	18	21	9	15	18	142
MERCED	1,383	348	313	110	106	64	35	48	23	27	25	284
MODOC	101	21	19	12	9	-	4	2	4	1	4	25
MONO	32	7	12	2	2	2	2	-	-	1	-	4
MONTEREY	2,374	627	552	206	123	110	70	55	46	27	28	530
NAPA	1,218	318	274	134	72	41	58	31	41	22	9	218
NEVADA	869	233	242	86	72	36	18	10	4	5	13	150
ORANGE	16,644	5,296	4,012	1,340	899	623	680	427	244	232	210	2,681
PLACER	1,778	488	492	159	111	67	60	35	46	13	19	288
PLUMAS	220	54	62	10	24	11	5	6	1	2	3	42
RIVERSIDE	12,019	4,067	2,720	850	854	481	311	213	276	191	155	1,901
SACRAMENTO	9,004	2,582	2,106	723	555	325	390	212	146	136	138	1,691
SAN BENITO	269	68	74	20	18	11	14	7	5	4	1	47
SAN BERNARDINO	10,909	3,446	2,317	726	804	406	284	365	170	163	163	2,065
SAN DIEGO	19,168	5,654	4,592	1,507	1,145	753	681	377	701	240	286	3,232
SAN FRANCISCO	6,645	1,888	1,535	603	321	288	307	143	122	94	83	1,261
SAN JOAQUIN	4,348	1,371	937	401	274	209	151	139	50	71	56	689
SAN LUIS OBISPO	2,024	655	462	175	122	81	66	33	30	28	28	344
SAN MATEO	4,926	1,381	1,263	495	281	154	202	110	115	52	64	809
SANTA BARBARA	2,951	851	635	270	143	144	129	65	70	41	35	568
SANTA CLARA	9,033	2,601	2,219	751	473	299	357	230	145	143	128	1,687
SANTA CRUZ	1,632	502	339	119	112	57	46	45	14	26	27	345
SHASTA	1,686	447	395	104	135	94	53	51	21	27	39	320
SIERRA	39	8	11	3	1	-	3	1	1	1	-	10
SISKIYOU	465	110	115	35	28	18	24	13	7	12	8	95
SOLANO	2,358	632	587	220	144	76	80	60	38	39	33	449
SONOMA	3,735	1,109	929	333	216	144	115	75	68	37	47	662
STANISLAUS	3,354	1,004	776	255	217	172	134	100	47	53	36	560
SUTTER	644	211	133	59	47	34	22	4	4	9	7	114
TEHAMA	618	177	156	50	37	33	20	23	8	8	8	98
TRINITY	137	31	42	8	7	11	6	5	1	1	3	22
TULARE	2,545	751	537	180	148	160	74	73	18	46	37	521
TUOLUMNE	528	140	139	37	28	24	18	11	13	6	9	103
VENTURA	4,556	1,298	1,106	377	244	201	139	136	78	63	60	854
YOLO	1,033	254	238	93	75	38	47	29	19	22	20	198
YUBA	551	148	121	49	39	42	18	16	5	13	10	90

- Represents zero events.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-22. DEATHS BY COUNTY, CALIFORNIA, 1999 (By Place of Residence)

COUNTY	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
CALIFORNIA	213,766	214,220	214,586	220,271	222,854	222,626	222,308	223,438	225,450	227,965
ALAMEDA	9,680	9,829	9,552	9,871	9,776	9,924	9,670	9,574	9,801	9,863
ALPINE	5	6	1	3	3	1	8	9	8	7
AMADOR	255	293	333	327	302	358	362	358	333	359
BUTTE	1,980	1,816	2,025	1,974	1,971	2,128	2,109	2,192	2,133	2,124
CALAVERAS	329	316	361	338	353	379	358	384	382	418
COLUSA	160	111	137	153	148	150	156	132	146	148
CONTRA COSTA	5,661	5,876	5,572	5,973	5,971	6,320	6,366	6,350	6,659	6,569
DEL NORTE	223	186	222	240	239	238	220	267	272	224
EL DORADO	929	901	827	856	1,004	1,026	1,024	1,053	1,078	1,149
FRESNO	4,835	4,978	5,061	5,169	5,390	5,241	5,256	5,119	5,422	5,460
GLENN	223	218	251	247	209	253	239	205	220	241
HUMBOLDT	1,080	1,088	1,121	1,118	1,191	1,087	1,101	1,139	1,177	1,159
IMPERIAL	830	799	793	800	808	798	805	875	853	856
INYO	209	191	177	185	194	203	257	213	208	198
KERN	4,014	4,117	4,068	4,304	4,156	4,453	4,421	4,412	4,627	4,656
KINGS	604	637	609	652	670	687	702	705	746	700
LAKE	728	768	731	776	813	804	730	757	800	611
LASSEN	181	163	169	161	162	167	185	195	213	199
LOS ANGELES	62,605	61,585	61,708	62,250	62,442	60,953	59,686	60,070	58,923	59,614
MADERA	679	734	726	718	824	816	806	745	815	868
MARIN	1,700	1,807	1,686	1,848	1,872	1,855	1,822	1,875	1,854	1,794
MARIPOSA	132	142	139	135	158	177	158	162	176	183
MENDOCINO	733	785	730	785	843	762	840	796	809	769
MERCED	1,116	1,127	1,099	1,196	1,228	1,238	1,292	1,345	1,355	1,383
MODOC	114	85	89	95	104	97	113	117	120	101
MONO	33	31	29	26	30	25	42	51	38	32
MONTEREY	2,247	2,218	2,146	2,305	2,226	2,278	2,361	2,159	2,290	2,374
NAPA	1,147	1,114	1,164	1,180	1,252	1,238	1,254	1,301	1,279	1,218
NEVADA	732	721	721	755	745	780	773	823	855	869
ORANGE	14,673	14,375	14,752	15,142	15,287	15,250	15,771	16,093	16,133	16,644
PLACER	1,317	1,352	1,333	1,421	1,501	1,491	1,635	1,639	1,652	1,778
PLUMAS	180	172	164	185	185	191	228	204	208	220
RIVERSIDE	9,515	9,675	9,967	10,398	10,864	11,002	11,050	11,236	11,766	12,019
SACRAMENTO	7,663	7,774	7,598	8,021	8,265	8,467	8,492	8,628	8,780	9,004
SAN BENITO	255	219	250	244	239	241	248	253	273	269
SAN BERNARDINO	9,493	9,783	9,880	10,180	10,307	10,448	10,297	10,613	10,638	10,909
SAN DIEGO	17,058	17,183	17,558	17,914	18,390	18,131	18,391	18,626	18,767	19,168
SAN FRANCISCO	8,161	8,345	8,143	8,017	7,918	7,840	7,446	6,789	6,649	6,645
SAN JOAQUIN	3,813	3,885	3,814	3,926	3,977	3,914	4,024	4,045	4,178	4,348
SAN LUIS OBISPO	1,777	1,691	1,739	1,796	1,851	1,896	1,898	1,913	1,992	2,024
SAN MATEO	4,828	4,798	4,830	4,937	4,855	5,011	4,918	4,874	4,988	4,926
SANTA BARBARA	2,568	2,650	2,651	2,811	2,937	2,828	2,785	2,754	2,872	2,951
SANTA CLARA	8,233	8,209	8,200	8,626	8,666	8,578	8,850	8,802	8,977	9,033
SANTA CRUZ	1,663	1,668	1,627	1,717	1,709	1,725	1,703	1,640	1,670	1,632
SHASTA	1,369	1,368	1,450	1,550	1,545	1,540	1,634	1,657	1,713	1,686
SIERRA	35	27	27	36	28	28	23	37	35	39
SISKIYOU	465	388	474	467	477	518	531	488	451	465
SONOMA	2,040	2,178	2,151	2,171	2,170	2,330	2,394	2,290	2,373	2,358
SONOMA	3,236	3,387	3,371	3,523	3,483	3,456	3,634	3,767	3,690	3,735
STANISLAUS	2,715	2,838	2,919	2,900	3,103	3,171	3,158	3,254	3,386	3,354
SUTTER	553	542	556	562	588	618	597	622	620	644
TEHAMA	549	568	557	572	557	626	578	547	584	618
TRINITY	134	109	150	151	140	130	153	156	157	137
TULARE	2,489	2,516	2,469	2,415	2,543	2,640	2,529	2,633	2,555	2,545
TUOLUMNE	456	430	422	467	518	497	517	492	583	528
VENTURA	3,969	3,939	3,877	4,117	4,161	4,100	4,240	4,503	4,596	4,556
YOLO	937	1,001	936	1,036	993	1,010	1,051	1,005	1,043	1,033
YUBA	458	508	474	529	513	513	417	495	529	551

Source: State of California, Department of Health Services, Death Records.

TABLE 5-23. DEATHS FROM HIVD BY SEX, CALIFORNIA COUNTIES, 1999
(By Place of Residence)

COUNTY	TOTAL	MALES	FEMALES
CALIFORNIA	1,558	1,346	212
ALAMEDA	103	85	18
ALPINE	-	-	-
AMADOR	-	-	-
BUTTE	3	3	-
CALAVERAS	1	1	-
COLUSA	1	1	-
CONTRA COSTA	37	30	7
DEL NORTE	-	-	-
EL DORADO	1	1	-
FRESNO	28	19	9
GLENN	1	1	-
HUMBOLDT	6	5	1
IMPERIAL	6	6	-
INYO	-	-	-
KERN	16	14	2
KINGS	5	5	-
LAKE	2	2	-
LASSEN	-	-	-
LOS ANGELES	581	506	75
MADERA	3	2	1
MARIN	3	3	-
MARIPOSA	-	-	-
MENDOCINO	1	1	-
MERCED	7	3	4
MODOC	1	1	-
MONO	-	-	-
MONTEREY	5	2	3
NAPA	7	6	1
NEVADA	1	1	-
ORANGE	66	59	7
PLACER	6	4	2
PLUMAS	1	1	-
RIVERSIDE	65	56	9
SACRAMENTO	55	48	7
SAN BENITO	2	2	-
SAN BERNARDINO	59	48	11
SAN DIEGO	145	129	16
SAN FRANCISCO	197	175	22
SAN JOAQUIN	6	6	-
SAN LUIS OBISPO	2	2	-
SAN MATEO	17	16	1
SANTA BARBARA	6	4	2
SANTA CLARA	34	29	5
SANTA CRUZ	12	11	1
SHASTA	1	1	-
SIERRA	-	-	-
SISKIYOU	-	-	-
SOLANO	21	17	4
SONOMA	11	10	1
STANISLAUS	7	7	-
SUTTER	4	4	-
TEHAMA	-	-	-
TRINITY	1	-	1
TULARE	3	2	1
TUOLUMNE	2	1	1
VENTURA	12	12	-
YOLO	1	1	-
YUBA	3	3	-

- Represents zero events

Note: HIVD (Human Immunodeficiency Virus Diseases) includes ICD (Rev. 10) codes B20-B24.

Source: State of California, Department of Health Services, Death Records.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence)

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA		ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
		NUMBER	RATE										
A00-Y09	TOTAL, ALL CAUSES	227,965	669.1	9,863	7	359	2,124	418	148	6,569	224	1,149	5,468
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	4,437	13.0	235	-	5	34	6	3	152	9	20	104
A00-A09	INTestinal infectious diseases	116	0.3	4	-	-	1	-	-	7	-	2	2
A10-A19	Tuberculosis	139	0.4	7	-	-	-	-	-	5	-	-	3
A40-A41	Septicemia	787	2.3	40	-	-	19	3	1	40	6	4	20
B15-B19	Viral hepatitis	248	0.7	12	-	1	2	-	-	6	2	1	5
B20-B24	Human immunodeficiency virus disease	1,558	4.6	193	-	-	3	1	1	37	-	1	28
B35-B49	Mycoses	281	0.8	17	-	-	2	-	-	4	-	2	13
REMAINDER OF A00-B99	Other infectious and parasitic diseases	1,308	3.8	52	-	4	9	2	1	53	1	10	33
C00-C97	Malignant neoplasms	52,880	155.2	2,326	1	79	519	120	34	1,571	54	302	1,191
C08-C14	Of lip, oral cavity and pharynx	817	2.4	45	-	1	108	25	8	27	16	3	21
C15-C26	Of digestive organs	12,875	37.8	594	-	28	15	25	1	345	2	68	307
C15	Of esophagus	1,210	3.4	42	-	2	15	2	-	49	-	11	26
C16	Of stomach	1,520	4.5	84	-	1	37	11	1	40	2	9	31
C18	Of colon	4,251	12.5	177	-	12	11	11	3	109	7	28	98
C22	Of liver and intrahepatic bile ducts	1,559	4.6	91	-	4	11	3	-	40	-	4	40
C25	Of pancreas	2,797	8.2	137	-	5	28	5	2	73	3	11	77
C17, C19-C21, C23-C24, C26, C30-C39	Of other digestive organs	1,529	4.5	61	-	4	10	2	2	34	4	5	35
C32	Of respiratory and intrathoracic organs	14,148	41.5	629	-	21	164	51	15	428	19	84	330
C33-C34	Of larynx	298	0.9	12	-	-	1	-	-	7	-	1	3
C30-C31, C35-C39	Of trachea, bronchus and lung	13,751	40.4	614	-	21	163	50	15	420	19	82	324
C43	Of other respiratory organs	99	0.3	3	-	-	8	1	-	1	-	1	3
C45	Malignant melanoma of skin	725	2.1	23	-	2	7	2	-	20	1	7	18
C50	Of breast	728	2.1	39	-	2	32	6	-	27	1	5	14
C51-C58	Of female genital organs	4,965	14.5	184	-	5	19	6	1	112	1	18	43
C53	Of cervix uteri	2,676	7.8	108	-	2	11	5	-	76	1	2	49
C54-C55	Of corpus uteri and uterus, part unspecified	466	1.4	18	-	-	9	2	-	4	-	-	17
C54	Of ovary	655	1.9	32	-	-	9	3	-	22	-	2	17
C51-C52, C57-C58	Of other female genital organs	1,417	4.1	54	-	2	9	3	-	42	1	2	33
C60-C63	Of male genital organs	144	0.4	4	-	-	9	3	-	8	-	-	2
C61	Of prostate	3,159	9.3	143	-	2	50	7	2	99	1	23	75
C60-C62-C63	Of other male genital organs	3,085	9.0	140	-	2	50	7	2	99	1	22	73
C64-C68	Of urinary tract	74	0.2	10	-	-	23	4	-	76	2	1	66
C64-C65	Of kidney and renal pelvis	2,321	6.8	105	-	-	7	4	1	39	2	18	77
C67	Of bladder	1,988	5.8	49	-	-	16	3	1	34	2	11	33
C66-C68	Of other urinary tract	1,176	3.5	55	-	-	16	3	1	34	1	11	32
C71-C96	Of brain	57	0.2	1	-	-	14	5	-	3	-	12	19
C81	Of lymphoid, hematopoietic and related tissue	1,400	4.1	51	-	-	53	6	3	32	3	38	127
C82-C85	Hodgkin's disease	5,586	16.4	213	-	9	24	3	2	179	3	1	52
C86-C90	Non-Hodgkin's lymphoma	1,157	3.4	77	-	2	10	3	2	60	1	14	21
C91-C95	Multiple myeloma and immunoproliferative neoplasms	2,210	6.5	77	-	4	18	1	1	77	1	13	52
C96	Leukemia	1,091	3.2	44	-	2	10	2	1	38	1	10	21
REMAINDER OF C00-C97	Other lymphoid, hematopoietic and related tissue	2,116	6.2	89	-	4	18	1	-	77	1	13	52
D00-D48	Other malignant neoplasms	12	0.0E	-	-	1	36	7	-	1	-	24	1
D50-D69	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	4,380	12.9	192	-	1	7	-	3	150	7	7	80
D50-D44	Diseases of blood and blood-forming organs and certain disorders involving the immune mechanism	1,130	3.3	40	-	1	8	3	1	42	-	7	37
D65-D76	Certain disorders involving immune mechanisms	538	1.6	29	-	-	3	1	-	17	1	2	17
	Other blood and immune disorders	217	0.6	12	-	-	-	-	-	8	-	-	6
		69	0.2	7	-	-	3	1	-	1	-	1	2
		252	0.7	10	-	-	-	-	-	8	-	1	9

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA		ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
		NUMBER	RATE										
E00-E08	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	7,726	22.7	344	-	6	67	8	4	201	9	43	251
E10-E14	DIABETES MELLITUS	6,004	17.6	285	-	5	45	6	4	146	5	28	204
E60-E67, E15-E68	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	1,722	5.1	79	-	1	22	2	-	55	4	15	47
F01-F09	MENTAL AND BEHAVIORAL DISORDERS	3,419	10.0	102	-	4	17	3	3	121	2	26	81
F01-F03	ORGANIC DEMENTIA	2,077	6.1	53	-	3	15	3	3	87	2	14	48
F02-F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	1,342	3.9	49	-	1	2	-	-	34	-	12	33
G00-G08	DISEASES OF THE NERVOUS SYSTEM	7,270	21.3	320	-	15	78	13	6	213	7	37	150
G20-G21	PARKINSON'S DISEASE	1,390	4.1	53	-	2	22	1	2	46	2	9	34
G30	ALZHEIMER'S DISEASE	3,934	11.5	183	-	7	29	4	2	97	1	17	77
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	1,946	5.7	84	-	6	27	8	4	70	4	11	39
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	94,338	276.9	4,009	4	159	811	160	58	2,621	78	442	2,100
I00-I09, I11, I13, I20-I51	DISEASES OF THE HEART	69,900	205.2	2,883	2	113	547	121	49	1,769	52	343	1,586
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	409	1.2	5	-	-	4	-	1	17	-	2	9
I11, I13	HYPERTENSIVE HEART	3,625	10.6	241	-	3	13	2	3	90	-	4	80
I20-I25	ISCHEMIC HEART	55,306	162.3	2,087	1	77	412	89	36	1,290	35	262	1,233
I26-I31	OTHER HEART DISEASE	10,540	31.0	550	1	33	118	30	9	372	17	75	264
I32-I35	HYPERTENSION	11,879	5.5	101	-	2	10	1	1	62	1	4	63
I36-I42	CEREBROVASCULAR DISEASES	18,579	53.1	845	1	34	179	28	6	622	18	74	415
I43-I46	ATHEROSCLEROSIS	1,790	5.3	53	-	4	47	8	2	62	2	3	27
I70	AORTIC ANEURYSM	1,417	4.2	50	1	4	20	3	2	54	3	8	27
I71	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1,273	3.7	76	-	2	8	-	-	52	2	8	42
REMAINDER OF I00-I99													
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	24,077	70.7	1,046	2	39	287	45	16	675	26	105	521
J10-J18	INFLUENZA AND PNEUMONIA	8,014	23.5	330	1	14	78	8	3	168	8	40	143
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	13,187	38.7	522	1	18	159	31	9	369	13	51	299
J43	EMPHYSEMA	1,930	5.7	83	-	1	13	3	2	53	-	7	35
J43-J46	ASTHMA	1,561	4.6	38	-	2	7	1	-	18	-	-	14
J48-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	10,096	31.4	401	1	15	139	27	7	298	10	44	250
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	885	2.6	97	-	2	25	1	2	71	4	1	25
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1,991	5.8	117	-	5	25	5	2	67	1	13	54
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	8,302	24.6	385	-	14	95	18	6	274	11	51	207
K25-K28	PEPTIC ULCER	735	2.2	28	-	1	5	1	1	25	1	2	15
K40-K46	HERNIA	142	0.4	5	-	-	1	2	1	3	-	-	1
K70, K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	3,546	10.4	142	-	5	29	7	2	105	4	21	99
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	314	0.9	11	-	-	1	-	-	8	-	2	8
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	3,645	10.7	199	-	8	59	8	2	133	6	26	84
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1,323	3.9	53	-	1	10	2	2	58	2	5	44
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	3,966	11.6	167	-	11	36	4	2	129	3	18	96
N00-N39	DISEASES OF THE URINARY SYSTEM	3,842	11.3	157	-	10	36	4	2	122	3	18	87
N40-N98	NEPHRITIS	1,739	5.1	61	-	4	21	2	2	53	1	7	32
REMAINDER OF N00-N98	OTHER DISEASES OF THE URINARY SYSTEM	2,103	6.2	96	-	6	15	2	-	69	2	11	55
O00-O99	PREGNANCY, CHILD BIRTH AND THE PUERPERIUM	124	0.4	10	-	1	-	-	-	7	-	-	9
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	43	0.8C	4	-	-	-	-	-	1	-	-	-
		1,384	2.7D	55	-	-	3	-	2	30	-	6	41

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA		ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
		NUMBER	RATE										
900-999	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	1,253	3.7	52	-	-	6	1	-	24	2	2	30
900-999	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	1,106	3.2	58	-	4	19	4	1	40	4	7	81
995	SUDDEN INFANT DEATH SYNDROME	237	0.50	9	-	-	1	-	-	6	-	2	9
REMAINDER OF 900-999	OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	869	2.6	49	-	4	18	4	1	34	4	5	72
H00-H93, L00-L98	ALL OTHER DISEASES	219	0.6	15	-	-	2	-	-	13	1	3	9
V01-Y59, Y85-Y86	ACCIDENTS	8,940	26.2	345	-	12	91	23	3	226	11	47	328
SEE FOOTNOTE	MOTOR VEHICLE ACCIDENTS	3,140	9.2	97	-	6	27	12	1	66	1	12	195
W00-W19	FALLS	1,202	3.5	66	-	-	11	1	-	35	2	5	21
X65-W74	DROWNING AND SUBMERSIONS	397	1.2	21	-	-	11	1	1	12	1	3	10
X60-X64, Y87.0	POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	2,221	6.5	84	-	1	11	2	-	53	2	13	48
REMAINDER OF V01-Y59, Y85-Y86	OTHER ACCIDENTS	1,980	5.8	77	-	5	35	7	1	60	5	14	54
X60-X64, Y87.0	INTENTIONAL SELF-HARM (SUICIDE)	3,047	8.9	114	-	8	30	7	2	89	2	21	63
X72-X74	BY DISCHARGE OF FIREARMS	1,510	4.4	52	-	7	15	5	2	47	-	13	40
REMAINDER OF X60-X64, Y87.0	OTHER INTENTIONAL SELF-HARM	1,537	4.5	62	-	1	15	2	-	42	2	8	23
X85-Y09, Y87.1	ASSAULT (HOMICIDE)	2,042	6.0	98	-	1	4	-	2	61	2	3	37
X93-X95	BY DISCHARGE OF FIREARMS	1,344	4.0	61	-	-	2	-	2	43	-	3	21
REMAINDER OF X85-Y09, Y87.1	OTHER ASSAULT	678	2.0	37	-	1	2	-	-	18	2	-	16
Y10-Y34, Y87.2, Y89.9	EVENT OF INDETERMINED INTENT	239	0.7	10	-	-	-	-	2	4	-	2	4
Y35, Y89.0	LEGAL INTERVENTION	69	0.2	6	-	-	-	-	-	-	-	-	4
Y36, Y89.1	OPERATIONS OF WAR	1	0.0E	-	-	-	-	-	-	-	-	-	-
Y40-Y84, Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	136	0.4	10	-	-	2	-	1	7	-	-	4

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.6, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	GLENN	HUMBOLDT	IMPERIAL	INYO	KERN	KINGS	LAKE	LASSEN	LOS ANGELES	MADERA	MARIN	MARIPOSA
A00-Y89	TOTAL, ALL CAUSES	241	1,159	856	198	4,656	700	611	199	59,614	868	1,794	183
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	3	21	30	5	53	16	12	5	1,213	20	24	5
A00-A09	INTESTINAL INFECTIOUS DISEASES	-	1	1	-	2	-	-	-	29	1	-	-
A16-A19	TUBERCULOSIS	-	1	10	-	6	-	-	-	54	2	-	-
A48-A41	SEPTICEMIA	2	-	2	-	2	1	1	3	99	-	8	2
B15-B19	VIRAL HEPATITIS	-	-	2	-	2	1	1	1	61	-	1	-
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	1	6	6	-	16	5	2	-	501	3	3	-
B35-B49	MYCOSES	-	2	1	1	10	-	-	-	68	2	2	-
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	-	5	10	3	16	5	7	1	321	5	10	3
C00-C17	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	52	266	184	54	1,022	138	144	40	13,457	193	440	38
C15-C26	OF DIGESTIVE ORGANS	15	5	2	10	12	6	2	11	2,066	2	8	2
C16	OF ESOPHAGUS	2	68	47	-	225	32	31	3	3,502	46	112	6
C18	OF STOMACH	1	7	5	-	29	1	2	3	279	2	10	1
C22	OF COLON	5	25	8	7	70	8	10	2	481	17	15	1
C25	OF LIVER AND INTRAHEPATIC BILE DUCTS	4	7	12	3	16	3	4	-	458	6	7	2
C25-C31	OF PANCREAS	1	12	7	-	58	8	13	2	710	14	22	1
C32-C39	OF OTHER DIGESTIVE ORGANS	2	11	9	-	26	9	-	1	420	3	16	-
C32	OF RESPIRATORY AND INTRATHORACIC ORGANS	15	66	51	19	321	31	46	16	3,367	64	89	12
C33-C34	OF LARYNX	15	2	1	18	11	1	46	14	3,243	64	3	12
C30-C31, C35-C39	OF TRACHEA, BRONCHUS AND LUNG OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	61	50	-	306	30	-	-	-	-	86	-
C43	MALIGNANT MELANOMA OF SKIN	-	3	-	1	4	-	3	-	25	-	11	-
C45-C49	OF BREAST	1	2	1	-	21	2	1	-	139	5	13	-
C50	OF FEMALE GENITAL ORGANS	5	24	17	4	72	10	7	3	168	7	10	1
C51-C58	OF MALE GENITAL ORGANS	3	1	3	1	41	1	12	1	1,101	9	33	4
C53	OF CERVIX UTERI AND UTERUS, PART UNSPECIFIED	-	1	3	-	13	1	5	1	744	1	1	-
C54-C55	OF OVARY	1	2	4	-	12	1	1	-	179	3	5	-
C51-C52, C57-C58	OF OTHER FEMALE GENITAL ORGANS	2	2	2	3	30	1	5	-	370	4	13	-
C48-C63	OF MALE GENITAL ORGANS	5	15	11	2	6	7	7	1	40	14	2	3
C60, C62-C63	OF PROSTATE	5	15	11	2	57	7	7	1	756	13	22	3
C64-C68	OF OTHER MALE GENITAL ORGANS	2	11	5	-	56	2	-	-	732	13	22	3
C64-C65	OF URINARY TRACT	2	11	5	2	1	2	7	1	24	12	18	2
C67	OF KIDNEY AND RENAL PELVIS	2	8	1	1	20	4	2	1	616	6	7	1
C66-C68	OF BLADDER	2	3	4	1	11	2	5	1	286	4	10	1
C66-C68	OF OTHER URINARY TRACT	2	6	4	1	1	1	2	1	315	6	1	1
C81-C96	OF BRAIN	2	6	5	1	20	1	2	1	350	5	17	1
C81-C96	OF LYMPOID, HEMATOPOIETIC AND RELATED TISSUE	1	35	18	6	89	16	13	5	1,466	14	44	4
C81	HODGKIN'S DISEASE	-	12	11	1	2	5	6	2	37	1	1	1
C82-C85	NON-HODGKIN'S LYMPHOMA	-	12	11	3	31	1	6	2	575	5	12	2
C88, C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	-	8	4	2	17	3	2	3	305	3	13	1
C91-C95	LEUKEMIA	1	15	3	-	39	7	5	-	546	5	18	1
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	3	26	19	5	105	22	13	3	1,042	12	35	2
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	2	6	2	-	32	1	4	4	258	5	14	-
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	-	4	2	-	11	2	3	1	120	3	3	-
D50-D64	ANEMIAS	-	1	-	-	3	2	1	-	51	2	1	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	GLENN	HUM-BOLDT	IM-PERIAL	INYO	KERN	KINGS	LAKE	LASSEN	LOS ANGELES	MADERA	MARIN	MARI-POSA
D00-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS AND IMMUNE DISORDERS	-	1	1	-	2	-	-	-	19	-	-	-
D45-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	2	1	-	6	-	2	1	50	1	2	-
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	12	43	31	4	144	48	23	8	2,187	36	30	9
E10-E14	DIABETES MELLITUS	8	30	24	4	105	40	18	5	1,620	28	18	5
E00-E07, E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	4	13	7	-	39	8	5	3	367	8	12	4
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	2	24	20	3	53	8	9	1	779	9	27	2
F01.F03	ORGANIC DEMENTIA	1	13	16	2	27	4	4	1	484	6	20	2
F02.F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	1	11	4	1	26	4	5	-	295	3	7	1
G00-G98	DISEASES OF THE NERVOUS SYSTEM	9	66	18	1	100	22	13	6	1,457	41	74	6
G20-G21	PARKINSON'S DISEASE	2	16	4	1	26	4	4	-	271	4	23	1
G30	ALZHEIMER'S DISEASE	3	33	5	-	33	4	6	4	772	31	28	3
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	4	17	9	-	41	9	3	2	414	6	23	2
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	101	411	327	78	1,932	280	251	78	26,114	337	732	70
I00-I09, I11, I13, I20-I51	DISEASES OF THE HEART	74	298	253	63	1,536	201	181	65	20,006	252	473	51
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	2	3	2	1	3	2	-	-	104	3	2	-
I11, I13	HYPERTENSIVE HEART	2	26	8	1	80	24	7	3	795	17	23	4
I20-I25	ISCHEMIC HEART	50	187	201	52	1,263	129	151	44	16,714	196	348	40
I26-I51	OTHER HEART DISEASE	20	80	42	6	190	46	23	18	2,393	36	100	7
I10, I12	HYPERTENSION	1	6	6	2	37	9	3	3	529	11	12	2
I60-I69	CEREBROVASCULAR DISEASES	24	88	56	11	300	52	60	11	4,435	54	191	13
I70	ATHEROSCLEROSIS	-	4	2	-	13	10	2	-	544	5	27	3
I71	AORTIC ANEURYSM	1	8	2	2	25	3	2	2	304	8	19	3
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1	9	8	-	21	5	3	-	296	7	10	-
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	25	132	61	23	537	66	50	29	5,649	89	207	19
J10-J18	INFLUENZA AND PNEUMONIA	9	42	10	13	143	11	12	5	2,242	20	76	3
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	13	69	39	15	342	45	34	20	3,031	54	102	14
J43	EMPHYSEMA	1	17	7	2	61	3	4	3	457	10	32	1
J45-J46	ASTHMA	1	-	2	1	10	1	1	-	136	1	2	1
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	9	52	30	10	271	41	29	17	2,438	43	68	10
J49	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	2	8	7	-	21	2	2	3	20	5	12	1
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1	13	5	3	31	8	2	1	356	10	17	1
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	7	39	39	15	213	34	32	8	2,877	26	74	7
K25-K28	PEPTIC ULCER	-	2	1	-	15	1	3	1	200	2	6	1
K40-K46	HEPATOMA	-	1	1	-	6	-	-	-	27	2	2	1
K70, K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	5	16	19	7	98	15	13	3	1,047	9	27	2
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	1	1	1	5	1	2	-	83	5	3	-
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	2	19	17	7	89	17	14	4	720	8	36	3
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	8	7	2	29	-	1	1	298	4	8	1
M00-M98	DISEASES OF THE GENITOURINARY SYSTEM	7	24	16	3	80	9	11	4	1,137	11	35	5
M00-M07, N17-N19	DISEASES OF THE URINARY SYSTEM	6	24	16	3	79	9	11	4	1,119	11	35	4
N25-N27	NEPHRITIS	1	7	9	1	28	6	5	4	563	2	14	2
REMAINDER OF M00-M98	OTHER DISEASES OF THE URINARY SYSTEM	5	17	7	2	51	3	6	-	556	9	21	2
M00-N39	OTHER DISEASES OF THE GENITOURINARY SYSTEM	1	-	-	-	1	-	-	-	18	-	-	1
REMAINDER OF M00-M99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	3	-	-	-	14	-	-	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	GLENN	HUMBOLDT	IN-PERIAL	INYO	KERN	KINGS	LAKE	LASSEN	LOS ANGELES	MADERA	MARIN	MARIPOSA	
P06-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS SUDDEN INFANT DEATH SYNDROME OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS ALL OTHER DISEASES	-	3	2	-	40	7	-	-	456	4	5	1	
Q00-Q99		-	1	11	1	22	2	4	-	351	9	6	1	
R06-R99		3	7	11	1	10	8	3	3	300	8	3	-	
R95		-	1	1	-	8	6	-	1	46	1	1	-	
REMAINDER OF R00-R99		3	6	10	1	2	2	3	2	254	7	4	-	
H08-H93, L00-L98		3	2	-	-	7	3	-	-	27	2	4	-	
V01-X59, Y85-Y86		10	68	77	5	244	43	34	4	2,002	50	55	16	
SEE FOOTNOTEN		5	17	25	2	91	21	10	1	751	22	11	3	
M06-M19		2	7	3	-	17	3	2	-	250	4	14	-	
M45-M74		-	1	16	-	15	2	1	-	76	2	2	-	
I46-I49	-	22	15	1	68	9	8	13	3	601	9	11	2	
REMAINDER OF V01-X59, Y85-Y86	3	21	18	2	53	8	-	-	324	13	17	9		
I60-I84, Y87.0	INTENTIONAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIREARMS OTHER INTENTIONAL SELF-HARM	3	20	12	3	62	10	11	5	732	13	28	2	
X72-X74		3	11	8	1	37	3	6	4	167	9	5	1	
REMAINDER OF I60-I84, Y87.0		-	9	7	2	25	7	5	1	365	4	23	1	
X85-Y09, Y87.1		2	9	3	-	52	2	5	2	896	7	3	1	
X93-X95		1	4	2	-	36	-	1	1	673	2	1	-	
REMAINDER OF X85-Y09, Y87.1		1	3	1	-	22	2	4	1	223	5	2	1	
Y10-Y34, Y87.2, Y89.9		-	2	2	-	3	1	1	-	50	1	15	-	
Y35, Y89.0		-	1	-	-	-	2	-	-	-	15	-	2	-
Y36, Y89.1		-	-	-	-	-	-	-	-	-	1	-	-	-
Y40-Y84, Y88		-	2	1	-	-	5	-	-	-	24	-	3	-

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	MENDO-CINO	MERCED	MODOC	MONO	MON-TEREY	MAPA	NEVADA	ORANGE	PLACER	PLUMAS	RIVER-SIDE	SACRA-MENTO
A00-V09	TOTAL, ALL CAUSES	769	1,383	101	32	2,374	1,218	869	16,644	1,778	220	12,019	9,004
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	16	29	1	-	46	23	6	220	29	4	170	196
A00-A09	INTestinal infectious diseases	-	-	-	-	-	-	1	7	2	1	5	9
A16-A19	TUBERCULOSIS	9	8	-	-	21	4	-	16	7	1	3	8
A40-A41	SEPTICEMIA	-	2	-	-	3	1	-	20	5	-	12	35
B15-B19	VIRAL HEPATITIS	1	7	1	-	5	7	1	66	6	1	65	55
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	-	2	-	-	1	2	1	15	-	-	19	9
B35-B49	MYCOSES	6	10	-	-	16	9	2	88	9	1	44	65
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	193	313	19	12	552	274	242	4,012	492	62	2,720	2,100
C00-C07	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	46	70	4	1	119	46	56	92	117	13	658	499
C00-C14	OF DIGESTIVE ORGANS	3	2	-	-	19	5	10	101	11	1	65	55
C15-C26	OF STOMACH	16	22	3	-	42	15	15	335	45	4	245	167
C16	OF COLON	7	12	-	-	9	5	3	113	14	2	66	51
C18	OF LIVER AND INTRAPERITONEAL BILE DUCTS	8	21	1	-	31	9	15	122	22	3	143	102
C22	OF PANCREAS	7	9	-	1	5	10	6	109	14	2	76	85
C17-C19-C21-C23-C24-C26	OF OTHER DIGESTIVE ORGANS	56	76	8	2	157	85	81	1,038	161	23	740	594
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	56	76	8	2	153	81	81	1,019	160	22	714	580
C32	OF LARYNX	-	-	-	-	-	-	-	-	-	-	-	-
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	2	4	-	-	5	9	3	65	5	2	32	23
C30-C31, C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	13	26	2	1	29	13	14	304	34	5	176	174
C43-C49	MALIGNANT MELANOMA OF SKIN	1	1	-	-	1	3	-	7	1	-	6	6
C50	OF BREAST	2	4	-	-	8	9	3	65	5	2	31	28
C51-C56	OF FEMALE GENITAL ORGANS	13	11	2	1	29	11	6	216	12	3	137	103
C53	OF CERVIX UTERI	1	3	-	-	3	1	2	40	2	-	32	14
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	6	8	-	-	6	3	3	44	7	1	29	23
C56	OF OVARY	6	8	-	-	20	7	3	121	7	2	69	60
C51-C52, C57-C58	OF OTHER FEMALE GENITAL ORGANS	11	28	-	-	38	20	14	225	34	4	175	116
C60-C63	OF MALE GENITAL ORGANS	11	26	-	-	38	19	14	217	33	4	172	113
C61	OF PROSTATE	5	23	-	-	19	15	16	168	18	4	125	84
C60, C62-C63	OF OTHER MALE GENITAL ORGANS	2	17	-	1	17	9	11	94	13	2	60	46
C64-C68	OF URINARY TRACT	3	6	-	-	10	9	1	9	4	2	62	36
C64-C65	OF KIDNEY AND RENAL PELVIS	3	6	-	-	10	9	1	9	4	2	62	36
C67	OF BLADDER	5	4	-	-	12	4	4	126	21	4	66	51
C64, C68	OF OTHER URINARY TRACT	5	4	-	-	12	4	4	126	21	4	66	51
C71	OF BRAIN	21	29	4	1	59	21	20	449	37	3	283	216
C81	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	2	4	-	-	4	9	1	14	7	1	115	91
C82-C85	HODGKIN'S DISEASE	4	16	2	-	21	9	9	173	14	1	115	91
C86, C90	NON-HODGKIN'S LYMPHOMA	2	5	-	-	15	1	5	65	7	-	49	45
C91-C95	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	13	8	2	1	19	10	5	195	15	2	112	72
C96	LEUKEMIA	-	-	-	-	-	-	-	-	-	-	-	-
REMAINDER OF C00-C97	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	15	24	1	2	56	41	21	302	42	1	241	187
D00-D48	OTHER MALIGNANT NEOPLASMS	3	9	-	-	15	11	4	83	4	2	53	38
D50-D89	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	3	9	-	-	15	11	4	83	4	2	53	38
D50-D64	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	3	9	-	-	15	11	4	83	4	2	53	38
D50-D64	AMERIAS	2	1	1	-	6	1	1	11	1	1	20	20

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	MENDO-CINO	MERCED	MODOC	MONO	MON-TEREY	NAPA	NEVADA	ORANGE	PLACER	PLUMAS	RIVER-SIDE	SACRA-MENTO
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	1	1	1	-	8	1	1	4	-	-	3	3
D45-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	-	-	-	-	-	-	14	-	-	11	10
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	34	62	4	-	84	40	16	538	55	11	282	279
E10-E14	DIABETES MELLITUS	21	48	2	-	55	31	10	427	35	6	213	212
E00-E07, E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	13	14	2	-	29	9	6	111	20	5	69	67
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	16	15	3	-	41	12	14	286	27	1	158	173
F01, F03	ORGANIC DEMENTIA	10	3	1	-	26	8	10	233	20	-	115	127
F02, F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	6	12	2	-	15	4	4	53	7	1	43	46
G00-G98	DISEASES OF THE NERVOUS SYSTEM	17	43	6	-	94	64	23	497	71	4	433	275
G20-Q21	PARKINSON'S DISEASE	4	12	1	-	21	12	10	134	11	3	71	40
G30	ALZHEIMER'S DISEASE	9	23	4	-	46	41	4	244	46	1	276	146
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	4	8	3	-	27	11	9	119	14	-	86	89
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	283	495	38	10	923	496	346	7,118	697	70	5,275	3,553
I00-I09, I11, I13, I20-I51	DISEASES OF THE HEART	206	348	21	7	627	318	233	5,296	488	54	4,067	2,582
I11, I13	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	2	2	1	-	5	7	2	31	-	-	22	6
I20-I25	HYPERTENSIVE HEART	10	24	1	-	22	13	13	189	10	6	185	133
I26-I51	OTHER HEART DISEASE	138	264	14	7	476	239	175	4,462	388	36	3,384	2,071
I10, I12	OTHER HEART DISEASE	56	58	6	-	124	72	43	111	82	12	476	372
I60-I69	HYPERTENSION	4	16	1	-	25	13	2	111	13	1	81	80
I70	CEREBROVASCULAR DISEASES	57	110	12	2	206	134	86	1,340	159	10	850	723
I71	ATHEROSCLEROSIS	9	6	1	-	20	18	6	160	15	1	114	78
I72	AORTIC ANEURYSM	2	10	1	1	21	13	12	113	15	3	174	43
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	5	5	2	-	24	5	7	98	9	1	87	47
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	79	152	15	4	239	160	103	1,706	194	33	1,294	1,074
J10-J16	INFLUENZA AND PNEUMONIA	18	35	9	2	70	58	18	680	60	5	311	390
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	53	106	4	2	123	72	72	899	111	24	854	555
J43	EMPHYSEMA	2	21	1	-	14	12	5	142	21	3	96	76
J45-J46	ASTHMA	4	8	-	-	6	1	2	35	3	-	17	23
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	47	77	0	2	103	59	65	722	87	21	741	456
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	2	2	1	-	17	11	5	6	10	1	14	56
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	6	9	1	-	29	19	8	121	13	3	115	73
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	29	83	4	2	85	45	25	551	47	9	416	346
K25-K26	PEPTIC ULCER	1	8	-	1	8	4	6	56	7	2	36	37
K40-K46	HERNIA	1	2	-	-	-	1	-	12	-	-	9	6
K70, K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	15	27	1	1	27	22	5	232	13	2	191	136
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	2	-	-	9	1	-	19	2	-	12	17
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	12	44	3	-	41	17	14	232	25	5	168	150
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	8	12	1	-	16	8	5	87	8	1	69	59
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	12	15	2	-	45	21	12	283	40	5	191	161
N00-N07, N17-N19	DISEASES OF THE URINARY SYSTEM	11	14	2	-	46	20	10	283	38	5	185	157
N25-N27	NEPHRITIS	9	7	1	-	26	4	5	124	12	3	90	39
REMAINDER OF N00-N30	OTHER DISEASES OF THE URINARY SYSTEM	2	7	1	-	19	16	5	159	26	2	95	118
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	1	1	-	-	1	1	2	-	2	-	6	4
O00-O99	PREGNANCY, CHILD BIRTH AND THE PUERPERIUM	-	-	-	-	-	-	-	6	-	-	2	2

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	MENDO-CINO	MERCED	MODOC	MONO	MON-TEREY	MAPA	NEVADA	ORANGE	PLACER	PLUMAS	RIVER-SIDE	SACRA-MENTO	
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS SUDDEN INFANT DEATH SYNDROME OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS ALL OTHER DISEASES ACCIDENTS MOTOR VEHICLE ACCIDENTS FALLS DROWNINGS AND SUBMERSIONS POISONINGS AND EXPOSURE TO NOXIOUS SUBSTANCES OTHER ACCIDENTS INTENTIONAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIREARMS OTHER INTENTIONAL SELF-HARM ASSAULT (HOMICIDE) BY DISCHARGE OF FIREARMS OTHER ASSAULT EVENT OF INDETERMINENT INTENT LEGAL INTERVENTION OPERATIONS OF WAR COMPLICATIONS OF MEDICAL AND SURGICAL CARE	1	8	1	-	17	-	2	101	6	-	71	45	
Q00-Q99		4	14	-	1	11	1	3	112	12	-	63	45	
R00-R99		4	23	-	-	11	6	7	46	3	2	60	69	
R95		2	5	-	-	3	-	1	12	2	-	5	17	
R00-R99		2	18	-	-	8	6	6	34	1	2	55	52	
H00-H93, L00-L98		-	2	-	-	5	-	2	1	-	-	-	4	9
V01-Y59, Y85-Y86		37	64	-	2	110	41	36	623	67	11	11	481	325
SEE FOOTNOTE		8	35	-	-	34	13	7	210	17	5	5	175	103
W00-W19		3	5	-	1	15	8	7	113	12	2	2	57	43
Y45-Y74		1	2	-	1	6	2	1	29	12	2	2	22	13
Y40-Y49		10	9	-	-	31	5	7	166	11	1	1	102	75
REMAINDER OF V01-Y59, Y85-Y86		15	13	-	-	24	13	14	105	25	3	3	125	91
X60-X84, Y87.0		18	25	4	-	28	9	13	210	19	3	3	155	138
X72-Y74		8	9	2	-	13	5	8	98	11	2	2	43	68
REMAINDER OF X60-X84, Y87.0		10	16	2	-	15	4	5	112	8	1	1	72	70
X85-Y09, Y87.1		7	15	-	-	31	5	6	96	3	3	-	81	76
X93-X95		5	13	-	-	19	3	3	62	2	2	-	51	44
REMAINDER OF X85-Y09, Y87.1		2	2	-	-	12	2	3	34	1	1	-	30	32
Y10-Y34, Y87.2, Y89.9		3	3	-	-	3	-	2	27	3	3	1	11	11
Y35, Y89.0	1	-	-	1	3	-	-	6	-	-	-	6	-	
Y36, Y89.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Y40-Y84, Y88	1	-	-	-	-	-	-	6	-	-	-	-	-	

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BERNARDINO	SAN DIEGO	FRAN-CISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA
A00-Y89	TOTAL, ALL CAUSES	269	10,989	19,168	6,645	4,348	2,024	4,926	2,951	9,033	1,632	1,686	39
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	5	194	408	301	59	28	79	66	155	40	17	-
A00-A09	INTestinal Infectious Diseases	-	8	13	7	-	-	2	2	1	1	-	-
A10-A19	Tuberculosis	-	32	79	23	15	4	25	25	36	13	8	-
A40-A41	Septicemia	-	9	25	6	3	2	4	5	14	-	1	-
B10-B19	Viral Hepatitis	-	59	145	197	6	2	17	4	34	12	1	-
B20-B24	Human Immunodeficiency Virus Disease	-	15	28	9	8	4	-	2	16	3	1	-
B30-B39	Mycoses	1	62	109	54	27	15	28	26	47	11	6	-
B40-B49	Other Infectious and Parasitic Diseases	74	2,317	4,592	1,535	937	462	1,263	635	2,219	339	395	11
C00-C09	Malignant Neoplasms	19	527	1,033	456	216	87	307	139	600	78	81	1
C10-C14	Of Lip, Oral Cavity and Pharynx	4	73	92	43	19	7	29	13	52	4	4	-
C15	Of Digestive Organs	4	59	100	62	25	7	38	17	77	7	11	-
C16	Of Esophagus	1	170	326	119	82	31	96	42	201	30	26	-
C17	Of Stomach	4	56	129	95	21	6	35	12	90	7	4	-
C18	Of Liver and Intrahepatic Bile Ducts	4	107	267	74	36	22	79	36	118	19	18	-
C19	Of Pancreas	4	62	119	63	31	14	30	19	62	11	10	-
C20-C24	Of Other Digestive Organs	15	641	1,210	392	277	127	317	175	531	83	120	4
C25	Of Respiratory and Intrathoracic Organs	15	617	1,182	374	269	125	308	174	512	81	119	4
C26	Of Trachea, Bronchus and Lung	-	9	5	6	1	-	3	-	6	-	6	-
C27	Of Other Respiratory and Intrathoracic Organs	-	31	84	23	20	19	17	18	31	8	8	-
C30-C31	Malignant Melanoma of Skin	10	189	367	88	79	37	103	11	28	3	25	1
C32	Of Breast	3	123	234	67	39	32	63	36	187	29	35	1
C33	Of Female Genital Organs	-	31	36	9	5	4	5	3	126	19	15	1
C34	Of Cervix Uteri and Uterus, Part Unspecified	1	35	49	13	10	7	18	6	36	4	1	-
C35	Of Ovary	12	51	139	39	22	20	39	25	71	7	10	1
C36	Of Other Female Genital Organs	9	6	10	-	2	1	1	2	12	1	1	-
C40-C41	Of Prostate	8	149	302	68	67	37	83	44	107	24	27	2
C42	Of Other Male Genital Organs	1	4	297	67	65	34	82	44	105	24	27	2
C43	Of Urinary Tract	2	119	191	52	2	1	1	-	2	-	-	-
C44	Of Kidney and Renal Pelvis	2	55	95	26	39	26	49	31	83	11	13	-
C45	Of Bladder	5	61	94	24	17	12	17	11	47	5	10	-
C46	Of Other Urinary Tract	1	51	153	38	18	14	31	19	36	6	10	-
C50-C51	Of Lymphoid, Hematopoietic and Related Tissue	6	226	526	161	85	42	145	73	235	33	45	1
C52	Hodgkin's Disease	3	12	12	6	2	1	4	3	10	1	1	-
C53	Non-Hodgkin's Lymphoma	2	90	207	73	35	16	64	31	93	12	17	-
C54	Multiple Myeloma and Immunoproliferative Neoplasms	1	42	107	24	16	9	31	18	43	10	10	1
C55	Leukemia	1	81	200	58	32	16	46	20	89	10	16	1
C56	Other Lymphoid, Hematopoietic and Related Tissue	4	194	379	147	58	39	106	53	184	33	36	1
C57	Other Malignant Neoplasms	6	53	86	34	28	10	32	22	48	8	9	-
C60-C61	In Situ Neoplasms, Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior	-	27	51	20	14	5	13	11	20	1	2	-
C62	Diseases of Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism	-	25	28	20	14	5	13	11	20	1	2	-
C63	Anemias	-	25	28	20	14	5	13	11	20	1	2	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BERNARDINO	SAN DIEGO	SAN FRANCISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	-	7	2	4	1	-	2	-	2	-	-	-
D65-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	15	21	19	6	2	8	5	10	1	-	-
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	12	437	504	177	172	48	134	89	297	62	90	1
E10-E14	DIABETES MELLITUS	7	365	377	143	139	33	110	65	230	45	51	1
E00-E07, E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	5	72	127	34	33	15	24	24	67	17	39	-
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	3	293	218	107	47	38	58	62	170	38	41	4
F01-F03	ORGANIC DEMENTIA	2	96	84	58	22	24	43	39	120	21	21	3
F02-F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	1	197	134	49	25	14	15	23	50	17	20	3
G00-G98	DISEASES OF THE NERVOUS SYSTEM	8	320	1,043	229	105	60	183	127	302	49	47	1
G28-G21	PARKINSON'S DISEASE	-	48	170	40	14	12	32	22	68	7	7	-
G38	ALZHEIMER'S DISEASE	5	170	701	122	50	30	115	70	145	14	21	1
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	3	102	172	67	41	18	36	35	89	26	19	-
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	94	4,429	7,663	2,643	1,874	889	2,017	1,201	3,616	674	589	12
I00-I09, I11, I13, I20-I25	DISEASES OF THE HEART	68	3,446	5,654	1,888	1,371	655	1,381	1,051	2,601	502	447	8
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	1	17	30	19	10	4	14	4	26	7	4	-
I11-I13	CHRONIC RHEUMATIC HEART DISEASE	2	291	230	264	70	56	85	85	142	23	18	-
I20-I25	ISCHEMIC HEART DISEASE	45	2,727	4,471	1,358	1,050	460	1,027	582	1,992	367	319	3
I26-I51	OTHER HEART DISEASE	29	411	287	287	241	135	255	180	441	105	106	3
I10-I12	HYPERTENSION	3	93	165	41	31	13	41	19	79	11	9	3
I60-I69	CEREBROVASCULAR DISEASES	20	726	1,507	603	401	175	495	270	751	119	104	1
I70	ATHEROSCLEROSIS	1	49	137	33	29	20	30	11	64	8	13	-
I71	ACUTE ANEURYSM	2	58	119	42	17	15	50	27	62	14	11	-
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	-	57	81	36	25	11	20	23	59	10	5	-
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	37	1,184	2,129	720	481	236	568	327	1,008	182	214	4
J10-J18	INFLUENZA AND PNEUMONIA	14	284	481	307	151	66	202	129	357	46	53	3
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	18	804	1,145	321	274	122	281	143	473	112	135	1
J43	EMPHYSEMA	5	107	123	57	41	22	59	22	71	22	13	-
J45-J46	ASTHMA	1	41	40	22	15	5	15	12	23	6	5	-
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	12	656	982	242	218	95	207	109	379	84	117	1
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	1	17	100	11	18	16	26	27	78	8	10	-
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	4	79	203	81	38	32	59	28	100	16	16	-
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	10	416	627	239	160	73	165	108	345	66	80	3
K25-K28	PEPTIC ULCER	2	40	45	30	10	5	20	10	29	5	6	-
K40-K46	HEPATOMA	-	13	14	4	3	-	2	-	7	3	1	-
K76-K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	4	163	240	94	71	28	52	41	143	26	27	1
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	18	22	15	7	4	5	1	10	1	3	-
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	4	182	306	96	69	36	86	56	156	31	43	2
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1	62	132	29	22	13	28	14	59	18	10	-
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	4	203	242	104	69	30	85	60	143	37	29	-
N60-N67, N17-N19	DISEASES OF THE URINARY SYSTEM	3	194	228	101	67	28	82	59	138	34	28	-
N25-N27	NEPHRITIS	3	102	71	51	45	15	28	14	67	16	11	-
REMAINDER OF N00-N98	OTHER DISEASES OF THE URINARY SYSTEM	-	94	157	50	22	13	54	45	71	18	17	-
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	1	7	14	3	2	2	3	1	5	3	1	-
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	2	2	1	-	-	-	1	3	-	-	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BERNARDINO	SAN DIEGO	SAN FRANCISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA	
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS SUDDEN INFANT DEATH SYNDROME OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS ALL OTHER DISEASES ACCIDENTS MOTOR VEHICLE ACCIDENTS FALLS DROWNINGS AND SUBMERSIONS POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES OTHER ACCIDENTS INTENTIONAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIREARMS OTHER INTENTIONAL SELF-HARM ASSAULT (HOMICIDE) BY DISCHARGE OF FIREARMS OTHER ASSAULT EVENT OF INDETERMINED INTENT LEGAL INTERVENTION OPERATIONS OF WAR COMPLICATIONS OF MEDICAL AND SURGICAL CARE	-	105	111	12	16	3	20	12	66	7	2	-	
Q00-Q99		1	83	103	14	24	4	26	14	56	14	8	-	
R00-R99		1	58	64	19	18	8	4	4	7	30	4	4	-
R95		-	32	17	5	4	-	3	3	2	11	-	-	-
REMAINDER OF R00-R99		1	26	47	14	14	8	8	1	5	19	4	4	-
H00-H93, L00-L98		-	13	14	12	6	1	7	7	3	16	3	-	-
V01-X59, Y85-Y86		11	406	753	288	209	81	81	154	144	299	57	94	-
SEE FOOTNOTER		5	214	238	51	82	21	21	41	21	116	9	22	-
W00-W19		-	45	119	42	24	12	12	27	33	39	15	15	-
W65-W74		-	11	31	11	11	1	1	5	5	21	8	2	-
X40-X49		2	37	191	149	54	54	22	49	38	63	8	19	-
REMAINDER OF V01-X59, Y85-Y86		4	97	174	35	34	25	25	32	47	60	17	36	-
X60-X84, Y87.0		1	163	286	83	56	28	28	64	35	128	27	39	-
X72-X74		1	94	132	22	31	13	13	24	15	56	10	23	-
REMAINDER OF X60-X84, Y87.0	-	69	154	61	25	25	15	40	20	72	17	16	-	
X85-Y09, Y87.1	1	127	101	51	45	45	3	22	9	39	6	12	1	
X93-X95	-	95	55	28	26	26	-	15	4	18	2	9	1	
REMAINDER OF X85-Y09, Y87.1	1	32	46	23	19	19	3	7	5	21	4	3	-	
Y10-Y34, Y87.2, Y89.9	-	9	17	13	5	5	1	1	-	7	-	-	-	
Y35, Y89.0	-	5	7	-	-	-	-	-	-	5	-	2	-	
Y36, Y89.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Y40-Y84, Y88	-	3	15	6	1	1	3	3	4	2	-	2	-	

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	SOLANO	SONOMA	STANI-SLAUS	BUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMNIE	VENTURA	YOLO	YUBA
A00-Y89	TOTAL, ALL CAUSES	465	2,358	3,735	3,354	644	618	137	2,545	528	4,556	1,833	551
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	6	61	60	55	14	6	5	56	8	69	17	11
A00-A09	INTESTINAL INFECTIOUS DISEASES	-	3	3	3	2	-	-	2	-	2	-	1
A14-A19	TUBERCULOSIS	-	1	-	4	-	-	-	2	-	26	7	2
A40-A41	SEPTICEMIA	-	13	20	10	3	-	-	27	-	3	-	1
B15-B19	VIRAL HEPATITIS	-	5	4	3	2	-	-	5	-	3	-	1
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	-	21	11	7	4	-	1	3	2	12	1	3
B35-B49	MYCOBES	-	2	-	3	1	1	-	6	2	5	-	2
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	5	16	22	25	2	3	1	13	2	21	9	2
C00-C07	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	115	587	929	776	133	156	42	537	139	1,106	238	121
C00-C14	OF DIGESTIVE ORGANS	1	10	10	8	28	35	13	130	32	238	56	22
C15-C26	OF ESOPHAGUS	19	136	231	167	5	3	1	130	4	19	3	3
C15	OF STOMACH	3	11	29	14	2	2	1	20	-	21	5	8
C16	OF COLON	7	43	75	61	8	13	8	61	14	88	20	8
C18	OF LIVER AND INTRAHEPATIC BILE DUCTS	3	15	24	13	1	3	2	11	3	21	5	7
C25	OF PANCREAS	4	32	56	33	9	10	-	33	4	58	11	2
C17, C19-C21, C23-C24, C26	OF OTHER DIGESTIVE ORGANS	1	19	31	24	3	4	1	18	5	31	9	-
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	33	176	229	240	46	54	15	145	44	301	63	51
C32	OF LARYNX	1	4	5	3	2	3	-	1	1	5	1	1
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	32	171	223	236	44	51	15	144	43	295	61	51
C30-C31, C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	1	1	1	-	-	-	-	-	1	1	-
C43	MALIGNANT MELANOMA OF SKIN	1	12	15	11	3	4	1	10	2	20	3	2
C43-C49	OF MALIGNANT MELANOMA OF SKIN	3	50	73	58	9	9	4	44	10	14	2	1
C50	OF BREAST	6	21	55	37	8	4	-	29	-	93	27	7
C51-C58	OF FEMALE GENITAL ORGANS	6	1	4	4	2	1	-	7	-	51	7	6
C53	OF CERVIX UTERI	-	1	4	4	2	1	-	7	-	10	1	-
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	3	6	15	12	4	-	-	6	1	17	3	4
C56	OF OVARY	3	13	31	19	2	2	-	15	1	19	3	2
C51-C52, C57-C58	OF OTHER FEMALE GENITAL ORGANS	3	1	5	2	1	1	-	1	-	5	3	2
C60-C63	OF MALE GENITAL ORGANS	7	35	44	46	4	13	1	36	11	54	12	10
C61	OF PROSTATE	7	34	43	45	4	13	1	34	11	54	12	10
C60-C62, C63	OF OTHER MALE GENITAL ORGANS	6	1	1	1	6	5	-	2	6	4	7	6
C64-C68	OF URINARY TRACT AND RENAL PELVIS	2	23	54	37	4	3	1	20	6	44	3	3
C64	OF KIDNEY AND RENAL PELVIS	2	16	25	18	2	2	1	11	4	19	4	4
C67	OF BLADDER	4	6	27	18	4	2	1	11	4	24	4	4
C66, C68	OF OTHER URINARY TRACT	4	1	2	1	3	-	-	8	5	1	9	1
C71	OF BRAIN	6	17	32	15	3	3	-	8	3	43	9	1
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	13	52	99	83	11	15	4	60	12	142	27	5
C81	HODGKIN'S DISEASE	3	3	4	1	4	7	2	27	2	53	11	2
C82-C85	NON-HODGKIN'S LYMPHOMA	8	21	41	37	4	7	2	27	2	53	11	2
C88, C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	3	12	20	15	2	2	2	6	3	30	6	2
C91-C95	LEUKEMIA	2	16	34	30	4	6	2	26	7	54	10	1
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	14	56	80	67	9	12	2	40	16	94	21	8
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	-	13	18	17	4	6	-	9	10	22	2	4
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	3	7	8	10	3	3	-	7	-	11	-	1
D50-D64	ANEMIAS	2	4	4	2	-	2	-	5	-	17	-	1

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	SOLANO	SONOMA	STANI-SLAUS	SUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMME	VENTURA	YOLO	YUBA
D88-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	1	-	2	-	1	-	-	-	-	1	-	-
D45-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	3	2	8	2	1	-	-	-	3	-	-
E00-E08	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	17	88	110	126	10	27	5	124	15	194	36	18
E10-E14	DIABETES MELLITUS	13	60	75	100	4	23	5	73	11	136	29	16
E80-E07, E15-E08	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	4	28	35	26	6	4	-	51	4	58	7	2
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	12	39	44	60	7	10	3	60	11	67	19	4
F01.F03	ORGANIC DEMENTIA	8	26	25	20	6	8	2	25	11	38	13	2
F02.F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	4	13	19	20	1	2	1	15	-	29	6	2
G00-G98	DISEASES OF THE NERVOUS SYSTEM	10	69	144	98	13	15	2	47	20	146	37	14
G20-G21	PARKINSON'S DISEASE	1	9	38	16	5	2	-	11	1	28	9	4
G30	ALZHEIMER'S DISEASE	7	38	68	47	4	8	1	18	13	78	19	5
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	2	22	38	35	4	5	1	18	6	40	9	5
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	159	892	1,546	1,342	290	240	43	986	193	1,818	380	211
I00-I09	DISEASES OF THE HEART	110	632	1,109	1,004	211	177	31	751	140	1,298	254	148
I11	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	1	-	10	7	4	3	-	3	1	10	2	2
I12	HYPERTENSIVE HEART	2	42	72	74	11	4	1	38	6	62	25	5
I13	ISCHEMIC HEART	72	436	605	794	161	134	22	544	99	991	176	118
I14	OTHER HEART DISEASE	35	154	222	129	35	36	4	166	34	215	51	23
I15	HYPERTENSION	1	11	26	30	5	4	1	22	4	45	7	4
I16-I17	CEREBROVASCULAR DISEASES	35	220	333	255	59	50	8	180	37	377	93	49
I18	ATHEROSCLEROSIS	8	10	44	13	7	7	2	17	2	33	13	5
I19	AORTIC ANEURYSM	4	11	29	21	4	2	-	10	6	35	7	3
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1	8	25	19	4	-	1	6	4	30	6	2
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	64	263	390	308	84	69	15	270	57	459	138	68
J10-J18	INFLUENZA AND PNEUMONIA	24	80	115	134	22	20	6	74	18	139	47	18
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	28	144	216	217	47	37	7	148	28	244	75	39
J43	EMPHYSEMA	3	35	40	25	1	3	-	23	5	77	10	11
J45-J46	ASTHMA	3	5	5	3	1	-	-	6	-	14	2	2
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	23	104	171	189	39	34	4	117	23	203	63	26
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	4	20	25	17	4	4	-	18	4	31	8	2
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	8	19	34	20	11	8	2	30	7	45	8	9
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	33	99	133	132	19	22	2	101	25	182	47	21
K25-K28	PEPTIC ULCER	-	1	14	5	-	1	-	5	2	11	-	2
K40-K46	HEPATIC DISEASE AND CIRRHOSIS	-	1	2	3	-	1	-	1	-	3	-	-
K70-K73-K74	CHRONIC LIVER DISEASE AND CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	12	39	37	53	9	8	1	46	6	63	22	13
K80-K82	OTHER DISEASES OF THE DIGESTIVE SYSTEM	1	4	6	10	-	2	-	1	1	9	-	-
REMAINDER OF K00-K92	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	20	48	74	61	7	10	1	48	16	96	19	6
M00-M99	DISEASES OF THE GENITOURINARY SYSTEM	1	12	25	22	5	1	-	12	3	32	8	4
M06-M08	DISEASES OF THE URINARY SYSTEM	12	57	51	36	11	13	1	72	6	73	24	8
M09-M19	DISEASES OF THE URINARY SYSTEM	12	55	48	35	11	13	1	67	6	72	20	8
N25-N27	NEPHRITIS	9	18	14	12	8	8	1	43	3	45	6	4
REMAINDER OF M00-M99	OTHER DISEASES OF THE URINARY SYSTEM	3	37	34	23	3	5	-	24	3	27	14	4
REMAINDER OF M00-M98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	-	2	3	1	-	-	-	5	-	1	4	-
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	1	1	-	-	-	-	-	-	-	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	BOLANO	SONOMA	STANI-SLAUS	SUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMNE	VENTURA	YOLO	YUBA	
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	-	13	16	27	1	5	-	21	1	31	4	4	
Q00-Q99		1	10	20	26	3	-	2	13	2	26	8	4	
R00-R99		3	13	7	11	3	3	-	14	2	17	6	2	
R95		-	9	3	3	1	1	-	-	-	-	1	-	
REMAINDER OF R00-R99		3	4	4	8	2	2	-	14	2	11	5	2	
M00-M93.L00-L98		ALL OTHER DISEASES	-	2	6	1	-	-	-	9	1	8	2	1
V01-X59.Y85-Y86		ACCIDENTS	18	76	144	172	34	33	11	160	24	201	38	42
SEE FOOTNOTES		MOTOR VEHICLE ACCIDENTS	6	37	49	63	8	9	2	45	8	63	10	13
M00-M19		FALLS	2	11	18	24	4	4	-	10	1	34	7	2
M65-M74		DROWNINGS AND SUBMERSIONS	-	5	5	4	4	2	-	2	1	6	3	1
X40-X49		POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	1	12	42	41	3	5	2	30	3	55	6	12
REMAINDER OF V01-X59.Y85-Y86		OTHER ACCIDENTS	9	11	30	38	15	8	5	53	11	43	12	14
X60-X84.Y87.0		INTENTIONAL SELF-HARM (SUICIDE)	8	33	47	36	7	8	3	37	9	60	20	10
X72-X74		BY DISCHARGE OF FIREARMS	5	15	23	19	4	5	3	17	8	34	12	4
REMAINDER OF X60-X84.Y87.0	OTHER INTENTIONAL SELF-HARM	3	18	24	17	3	3	-	20	1	26	8	6	
X85-Y09.Y87.1	ASSAULT (HOMICIDE)	-	21	9	24	2	1	-	25	1	25	5	2	
X93-X95	BY DISCHARGE OF FIREARMS	-	13	4	16	-	-	-	13	1	12	2	1	
REMAINDER OF X85-Y09.Y87.1	OTHER ASSAULT	-	8	5	8	2	1	-	12	-	13	3	1	
Y10-Y34.Y87.2.Y89.9	EVENT OF INDETERMINENT INTENT	1	1	4	8	1	2	-	3	-	1	3	1	
Y35.Y89.0	LEGAL INTERVENTION	-	-	-	2	-	1	-	-	-	-	-	-	
Y36.Y89.1	OPERATIONS OF WAR	-	-	-	-	-	-	-	-	-	-	-	-	
Y40-Y84.Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	2	2	3	4	-	-	-	2	1	8	1	-	

NOTE: RATES ARE PER 100,000 TOTAL POPULATION UNLESS OTHERWISE SPECIFIED.

A 026 MALE DEATHS WERE ASSIGNED TENTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES CODE C50.
 B SEX-SPECIFIC RATES (PER 100,000 POPULATION), CALIFORNIA MALE AND FEMALE POPULATION FOR 1999 WERE ESTIMATED TO BE 17,099,812 AND 16,972,666 RESPECTIVELY.
 C PER 10,000 LIVE BIRTHS (1999 LIVE BIRTHS-518,073).
 D PER 1,000 LIVE BIRTHS.
 E LESS THAN 0.05.

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

SOURCE: STATE OF CALIFORNIA, DEPARTMENT OF FINANCE, 1999 POPULATION PROJECTIONS, DECEMBER 1998.
 STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES, DEATH RECORDS.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence)

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA		ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
		NUMBER	RATE										
A00-Y09	TOTAL, ALL CAUSES	227,965	669.1	9,863	7	359	2,124	418	148	6,569	224	1,149	5,468
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	4,437	13.0	235	-	5	34	6	3	152	9	20	104
A00-A09	INTestinal infectious diseases	116	0.3	4	-	-	1	-	-	7	-	2	2
A10-A19	Tuberculosis	139	0.4	7	-	-	-	-	-	5	-	-	3
A40-A41	Septicemia	787	2.3	40	-	-	19	3	1	40	6	4	20
B15-B19	Viral hepatitis	248	0.7	12	-	1	2	-	-	6	2	1	5
B20-B24	Human immunodeficiency virus disease	1,558	4.6	193	-	-	3	1	1	37	-	1	28
B35-B49	Mycoses	281	0.8	17	-	-	2	-	-	4	-	2	13
REMAINDER OF A00-B99	Other infectious and parasitic diseases	1,308	3.8	52	-	4	9	2	1	53	1	10	33
C00-C97	Malignant neoplasms	52,880	155.2	2,326	1	79	519	120	34	1,571	54	302	1,191
C08-C14	Of lip, oral cavity and pharynx	817	2.4	45	-	1	108	25	8	27	16	3	21
C15-C26	Of digestive organs	12,875	37.8	594	-	28	15	22	1	345	2	68	307
C15	Of esophagus	1,210	3.4	42	-	2	15	2	-	49	-	11	26
C16	Of stomach	1,520	4.5	84	-	1	37	11	1	40	2	9	31
C18	Of colon	4,251	12.5	177	-	12	11	11	3	109	7	28	98
C22	Of liver and intrahepatic bile ducts	1,559	4.6	91	-	4	11	3	-	40	-	4	40
C25	Of pancreas	2,797	8.2	137	-	5	28	5	2	73	3	11	77
C17, C19-C21, C23-C24, C26, C30-C39	Of other digestive organs	1,529	4.5	61	-	4	10	2	2	34	4	5	35
C32	Of respiratory and intrathoracic organs	14,148	41.5	629	-	21	164	51	15	428	19	84	330
C33-C34	Of larynx	298	0.9	12	-	-	1	-	-	7	-	1	3
C30-C31, C35-C39	Of trachea, bronchus and lung	13,751	40.4	614	-	21	163	50	15	420	19	82	324
C43	Of other respiratory organs	99	0.3	3	-	-	8	1	-	1	-	1	3
C45-C49	Malignant melanoma of skin	725	2.1	23	-	2	7	2	-	20	1	7	18
C50	Of breast	728	2.1	39	-	2	32	6	-	27	1	5	14
C51-C58	Of female genital organs	4,965	14.4	184	-	5	50	7	1	112	1	18	63
C53	Of cervix uteri	2,676	7.8	108	-	2	19	5	-	76	1	2	49
C54-C55	Of corpus uteri and uterus, part unspecified	466	1.4	18	-	-	1	-	-	4	-	-	17
C54	Of ovary	655	1.9	32	-	-	9	2	-	22	-	2	17
C51-C52, C57-C58	Of other female genital organs	1,417	4.1	54	-	2	9	3	-	42	1	2	33
C60-C63	Of male genital organs	144	0.4	4	-	-	9	-	-	8	-	-	2
C61	Of prostate	3,159	9.3	143	-	2	50	7	2	99	1	23	75
C60-C62-C63	Of other male genital organs	3,085	9.0	140	-	2	50	7	2	99	1	22	73
C64-C68	Of urinary tract	74	0.2	105	-	-	23	4	-	76	2	1	66
C64-C65	Of kidney and renal pelvis	2,321	6.8	49	-	-	7	1	1	39	2	18	33
C67	Of bladder	1,988	5.8	55	-	-	16	3	1	34	2	11	32
C66-C68	Of other urinary tract	1,176	3.5	1	-	-	1	1	1	3	-	1	3
C71-C96	Of brain	57	0.2	1	-	-	14	5	-	3	-	12	19
C81	Of lymphoid, hematopoietic and related tissue	1,400	4.1	51	-	-	14	5	-	32	-	12	19
C82-C85	Hodgkin's disease	5,586	16.4	213	-	9	53	6	3	179	3	38	127
C86-C90	Non-Hodgkin's lymphoma	1,157	3.4	77	-	2	24	3	2	60	1	14	52
C91-C95	Multiple myeloma and immunoproliferative neoplasms	2,210	6.5	77	-	2	10	1	1	38	1	10	21
C96	Leukemia	1,091	3.2	44	-	2	18	1	1	77	1	13	52
REMAINDER OF C00-C97	Other lymphoid, hematopoietic and related tissue	2,116	6.2	89	-	4	18	1	-	34	1	11	32
D00-D48	Other malignant neoplasms	12	0.0E	192	1	1	36	7	3	150	7	24	80
D50-D69	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	4,380	12.9	40	-	1	8	3	1	42	-	7	37
D50-D44	Diseases of blood and blood-forming organs and certain disorders involving the immune mechanism	1,130	3.3	29	-	-	3	1	-	17	1	2	17
D65-D76	Certain disorders involving immune mechanisms	538	1.6	12	-	-	3	-	-	8	-	-	6
	Other blood and immune disorders	217	0.6	7	-	-	3	1	-	1	-	1	2
		69	0.2	10	-	-	3	1	-	1	-	1	9
		252	0.7	10	-	-	3	1	-	1	-	1	9

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA		ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
		NUMBER	RATE										
E00-E08	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	7,726	22.7	344	-	6	67	8	4	201	9	43	251
E10-E14	DIABETES MELLITUS	6,004	17.6	285	-	5	45	6	4	146	5	28	204
E60-E67, E15-E68	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	1,722	5.1	79	-	1	22	2	-	55	4	15	47
F01-F09	MENTAL AND BEHAVIORAL DISORDERS	3,419	10.0	102	-	4	17	3	3	121	2	26	81
F01-F03	ORGANIC DEMENTIA	2,077	6.1	53	-	3	15	3	3	87	2	14	48
F02-F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	1,342	3.9	49	-	1	2	-	-	34	-	12	33
G00-G08	DISEASES OF THE NERVOUS SYSTEM	7,270	21.3	320	-	15	78	13	6	213	7	37	150
G20-G21	PARKINSON'S DISEASE	1,390	4.1	53	-	2	22	1	2	46	2	9	34
G30	ALZHEIMER'S DISEASE	3,934	11.5	183	-	7	29	4	2	97	1	17	77
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	1,946	5.7	84	-	6	27	8	4	70	4	11	39
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	94,338	276.9	4,009	4	159	811	160	58	2,621	78	442	2,100
I00-I09, I11, I13, I20-I51	DISEASES OF THE HEART	69,900	205.2	2,883	2	113	547	121	49	1,769	52	343	1,586
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	409	1.2	5	-	-	4	-	1	17	-	2	9
I11, I13	HYPERTENSIVE HEART	3,625	10.6	241	-	3	13	2	3	90	-	4	80
I20-I25	ISCHEMIC HEART	55,306	162.3	2,087	1	77	412	89	36	1,290	35	262	1,233
I26-I31	OTHER HEART DISEASE	10,540	31.0	550	1	33	118	30	9	372	17	75	264
I10, I11	HYPERTENSION	11,879	5.5	101	-	2	10	1	1	62	1	4	63
I10, I12	CEREBROVASCULAR DISEASES	18,579	53.1	845	1	34	179	28	6	622	18	74	415
I60-I69	ATHEROSCLEROSIS	1,790	5.3	53	-	4	47	8	2	62	2	3	27
I70	AORTIC ANEURYSM	1,417	4.2	50	1	4	20	3	-	54	3	8	27
I71	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1,273	3.7	76	-	2	8	-	-	52	2	8	42
REMAINDER OF I00-I99		1,273	3.7	76	-	2	8	-	-	52	2	8	42
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	24,077	70.7	1,046	2	39	287	45	16	675	26	105	521
J10-J18	INFLUENZA AND PNEUMONIA	8,014	23.5	330	1	14	78	8	3	168	8	40	143
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	13,187	38.7	522	1	18	159	31	9	369	13	51	299
J43	EMPHYSEMA	1,930	5.7	83	-	1	13	3	2	53	-	7	35
J43-J46	ASTHMA	1,561	4.6	38	-	1	7	1	-	18	-	-	14
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	10,696	31.4	401	1	15	139	27	7	298	10	44	250
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	885	2.6	97	-	2	25	1	2	71	4	1	25
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1,991	5.8	117	-	5	25	5	2	67	1	13	54
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	8,302	24.6	385	-	14	95	18	6	274	11	51	207
K25-K28	PEPTIC ULCER	735	2.2	28	-	1	5	1	1	25	1	2	15
K40-K46	HERNIA	142	0.4	5	-	-	1	2	1	3	-	-	1
K70, K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	3,546	10.4	142	-	5	29	7	2	105	4	21	99
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	314	0.9	11	-	-	1	-	-	8	-	2	8
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	3,645	10.7	199	-	8	59	8	2	133	6	26	84
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1,323	3.9	53	-	1	10	2	2	58	2	5	44
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	3,966	11.6	167	-	11	36	4	2	129	3	18	96
N00-N39	DISEASES OF THE URINARY SYSTEM	3,842	11.3	157	-	10	36	4	2	122	3	18	87
N00-N17, N19-N25, N27	NEPHRITIS	1,739	5.1	61	-	4	21	2	2	53	1	7	32
REMAINDER OF N00-N39	OTHER DISEASES OF THE URINARY SYSTEM	2,103	6.2	96	-	6	15	2	-	69	2	11	55
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	124	0.4	10	-	1	-	-	-	7	-	-	9
O00-O99	PREGNANCY, CHILD BIRTH AND THE PUERPERIUM	43	0.8C	4	-	-	-	-	-	1	-	-	-
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1,384	2.7D	55	-	-	3	-	2	30	-	6	41

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA		ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
		NUMBER	RATE										
900-999	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	1,253	3.7	52	-	-	6	1	-	24	2	2	30
R00-R99	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	1,106	3.2	58	-	4	19	4	1	40	4	7	81
R95	SUDDEN INFANT DEATH SYNDROME	237	0.50	9	-	-	1	-	-	6	-	2	9
REMAINDER OF R00-R99	OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	869	2.6	49	-	4	18	4	1	34	4	5	72
M00-M93, L00-L98	ALL OTHER DISEASES	219	0.6	15	-	-	2	-	-	13	1	3	9
V01-Y59, Y85-Y86	ACCIDENTS	8,940	26.2	345	-	12	91	23	3	226	11	47	328
SEE FOOTNOTE	MOTOR VEHICLE ACCIDENTS	3,140	9.2	97	-	6	27	12	1	66	1	12	195
W00-W19	FALLS	1,202	3.5	66	-	-	11	1	-	35	2	5	21
X65-W74	DROWNING AND SUBMERSIONS	397	1.2	21	-	-	11	1	1	12	1	3	10
X60-X64, Y87.0	POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	2,221	6.5	84	-	1	11	2	-	53	2	13	48
REMAINDER OF V01-Y59, Y85-Y86	OTHER ACCIDENTS	1,980	5.8	77	-	5	35	7	1	60	5	14	54
X60-X64, Y87.0	INTENTIONAL SELF-HARM (SUICIDE)	3,047	8.9	114	-	8	30	7	2	89	2	21	63
X72-X74	BY DISCHARGE OF FIREARMS	1,510	4.4	52	-	7	15	5	2	47	-	13	40
REMAINDER OF X60-X64, Y87.0	OTHER INTENTIONAL SELF-HARM	1,537	4.5	62	-	1	15	2	-	42	2	8	23
X85-Y09, Y87.1	ASSAULT (HOMICIDE)	2,042	6.0	98	-	1	4	-	2	61	2	3	37
X93-X95	BY DISCHARGE OF FIREARMS	1,344	4.0	61	-	-	2	-	2	43	-	3	21
REMAINDER OF X85-Y09, Y87.1	OTHER ASSAULT	678	2.0	37	-	1	2	-	-	18	2	-	16
Y10-Y34, Y87.2, Y89.9	EVENT OF INDETERMINED INTENT	239	0.7	10	-	-	-	-	2	4	-	2	4
Y35, Y89.0	LEGAL INTERVENTION	69	0.2	6	-	-	-	-	-	-	-	-	4
Y36, Y89.1	OPERATIONS OF WAR	1	0.0E	-	-	-	-	-	-	-	-	-	-
Y40-Y84, Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	136	0.4	10	-	-	2	-	1	7	-	-	4

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.6, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	GLENN	HUMBOLDT	IMPERIAL	INYO	KERN	KINGS	LAKE	LASSEN	LOS ANGELES	MADERA	MARIN	MARIPOSA
A00-Y89	TOTAL, ALL CAUSES	241	1,159	856	198	4,656	700	611	199	59,614	868	1,794	183
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	3	21	30	5	53	16	12	5	1,213	20	24	5
A00-A09	INTESTINAL INFECTIOUS DISEASES	-	1	1	-	2	-	-	-	29	1	-	-
A16-A19	TUBERCULOSIS	-	1	10	-	6	-	-	-	54	2	-	-
A48-A41	SEPTICEMIA	2	-	2	-	2	1	1	3	99	-	8	2
B15-B19	VIRAL HEPATITIS	-	-	-	-	2	1	1	1	61	-	1	-
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	1	6	6	-	16	5	2	-	501	3	3	-
B35-B49	MYCOSES	-	2	1	1	10	-	-	-	68	2	2	-
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	-	5	10	3	16	5	7	1	321	5	10	3
C00-C17	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	52	266	184	54	1,022	138	144	40	13,457	193	440	38
C15-C26	OF DIGESTIVE ORGANS	15	5	2	10	12	6	2	11	206	2	8	2
C16	OF ESOPHAGUS	2	68	47	-	225	32	31	3	3,502	46	112	6
C18	OF STOMACH	1	7	5	-	29	1	2	3	279	2	10	1
C22	OF COLON	5	25	8	7	70	8	10	2	481	17	15	1
C25	OF LIVER AND INTRAHEPATIC BILE DUCTS	4	7	12	3	16	3	4	-	458	6	7	2
C25-C31	OF PANCREAS	1	12	7	-	58	8	13	2	710	14	22	1
C31-C24,C26	OF OTHER DIGESTIVE ORGANS	2	11	9	-	26	9	-	1	420	3	16	-
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	15	66	51	19	321	31	46	16	3,367	64	89	12
C32	OF LARYNX	-	2	1	-	11	1	-	-	99	-	3	-
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	15	61	50	18	306	30	46	14	3,243	64	86	12
C30-C31,C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	3	-	-	4	-	-	-	25	-	-	-
C43	MALIGNANT MELANOMA OF SKIN	1	2	-	1	21	2	3	-	139	5	11	-
C45-C49	OF BREAST	1	1	-	-	7	2	1	-	168	7	10	1
C50	OF MAMMARY GLAND	5	24	17	4	72	10	7	3	1,101	7	10	4
C51-C58	OF FEMALE GENITAL ORGANS	3	1	3	1	13	1	12	1	744	9	21	-
C53	OF CERVIX UTERI AND UTERUS, PART UNSPECIFIED	-	2	-	-	12	1	1	-	155	1	1	-
C54-C55	OF OVARY	1	2	4	-	30	1	1	-	179	3	5	-
C51-C52,C57-C58	OF OTHER FEMALE GENITAL ORGANS	2	2	2	3	6	1	5	-	370	4	13	-
C48-C63	OF MALE GENITAL ORGANS	-	15	11	-	57	7	7	-	40	14	2	-
C61	OF PROSTATE	5	15	11	2	56	5	7	1	752	13	22	3
C60,C62-C63	OF OTHER MALE GENITAL ORGANS	2	1	5	-	1	2	-	-	24	1	1	-
C64-C68	OF URINARY TRACT	-	11	5	2	32	2	7	1	616	12	18	3
C64-C65	OF KIDNEY AND RENAL PELVIS	2	8	1	1	20	4	2	-	286	6	7	2
C67	OF BLADDER	2	3	4	1	11	2	5	1	315	4	10	1
C66-C68	OF OTHER URINARY TRACT	-	6	-	-	20	1	2	-	15	-	1	-
C71	OF BRAIN	2	6	5	1	20	1	2	1	350	5	17	1
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	1	35	18	6	89	16	13	5	1,466	14	44	4
C81	HODGKIN'S DISEASE	-	12	11	1	31	5	6	-	37	1	1	1
C82-C85	NON-HODGKIN'S LYMPHOMA	-	12	11	3	31	1	6	2	575	5	12	2
C88,C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	-	8	4	-	17	3	2	-	305	3	13	1
C91-C95	LEUKEMIA	1	15	3	2	39	7	3	3	546	5	18	1
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	3	26	19	5	105	22	13	3	1,042	12	35	2
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	2	6	2	-	32	1	4	4	258	5	14	-
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	-	4	2	-	11	2	3	1	120	3	3	-
D50-D64	ANEMIAS	-	1	-	-	3	2	1	-	51	2	1	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	GLENN	HUMBOLDT	IMPERIAL	INYO	KERN	KINGS	LAKE	LASSEN	LOS ANGELES	MADERA	MARIN	MARIPOSA
D00-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS AND IMMUNE DISORDERS	-	1	1	-	2	-	-	-	19	-	-	-
D45-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	2	1	-	6	-	2	1	50	1	2	-
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	12	43	31	4	144	48	23	8	2,187	36	30	9
E10-E14	DIABETES MELLITUS	8	30	24	4	105	40	18	5	1,620	28	18	5
E00-E07, E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	4	13	7	-	39	8	5	3	367	8	12	4
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	2	24	20	3	53	8	9	1	779	9	27	2
F01.F03	ORGANIC DEMENTIA	1	13	16	2	27	4	4	1	484	6	20	2
F02.F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	1	11	4	1	26	4	5	-	295	3	7	1
G00-G98	DISEASES OF THE NERVOUS SYSTEM	9	66	18	1	100	22	13	6	1,457	41	74	6
G20-G21	PARKINSON'S DISEASE	2	16	4	1	26	4	4	-	271	4	23	1
G30	ALZHEIMER'S DISEASE	3	33	5	-	33	4	6	4	772	31	28	3
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	4	17	9	-	41	9	3	2	414	6	23	2
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	101	411	327	78	1,932	280	251	78	26,114	337	732	70
I00-I09, I11, I13, I20-I51	DISEASES OF THE HEART	74	298	253	63	1,536	201	181	65	20,006	252	473	51
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	2	3	2	1	3	2	-	-	104	3	2	-
I11, I13	HYPERTENSIVE HEART	2	26	8	1	80	24	7	3	795	17	23	4
I20-I25	ISCHEMIC HEART	50	187	201	52	1,263	129	151	44	16,714	196	348	40
I26-I51	OTHER HEART DISEASE	20	80	42	6	190	46	23	18	2,393	36	100	7
I10, I12	HYPERTENSION	1	6	6	2	37	9	3	-	529	11	12	2
I60-I69	CEREBROVASCULAR DISEASES	24	88	56	11	300	52	60	11	4,435	54	191	13
I70	ATHEROSCLEROSIS	-	4	2	-	13	10	2	-	544	5	27	3
I71	AORTIC ANEURYSM	1	8	2	2	25	3	2	2	304	8	19	-
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1	9	8	-	21	5	3	-	296	7	10	-
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	25	132	61	23	537	66	50	29	5,649	89	207	19
J10-J18	INFLUENZA AND PNEUMONIA	9	42	10	13	143	11	12	5	2,242	20	76	3
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	13	69	39	15	342	45	34	20	3,031	54	102	14
J43	EMPHYSEMA	1	17	7	2	61	3	4	3	457	10	32	1
J45-J46	ASTHMA	1	-	2	1	10	1	1	-	136	1	2	1
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	9	52	30	10	271	41	29	17	2,438	43	68	10
J49	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	2	8	7	-	21	2	2	3	20	5	12	1
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1	13	5	3	31	8	2	1	356	10	17	1
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	7	39	39	15	213	34	32	8	2,877	26	74	7
K25-K28	PEPTIC ULCER	-	2	1	-	15	1	3	1	200	2	6	1
K40-K46	HEPATOMA	-	1	1	-	6	-	-	-	27	2	2	1
K70, K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	5	16	19	7	98	15	13	3	1,047	9	27	2
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	1	1	1	5	1	2	-	83	5	3	-
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	2	19	17	7	89	17	14	4	720	8	36	3
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	8	7	2	29	-	1	1	298	4	8	1
M00-M98	DISEASES OF THE GENITOURINARY SYSTEM	7	24	16	3	80	9	11	4	1,137	11	35	5
M00-M07, N17-N19	DISEASES OF THE URINARY SYSTEM	6	24	16	3	79	9	11	4	1,119	11	35	4
N25-N27	NEPHRITIS	1	7	9	1	28	6	5	4	1,563	2	14	2
REMAINDER OF M00-M98	OTHER DISEASES OF THE URINARY SYSTEM	5	17	7	2	51	3	6	-	556	9	21	2
M00-N39	OTHER DISEASES OF THE GENITOURINARY SYSTEM	1	-	-	-	1	-	-	-	18	-	-	1
M00-M98	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	3	-	-	-	14	-	-	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	GLENN	HUMBOLDT	IN-PERIAL	INYO	KERN	KINGS	LAKE	LASSEN	LOS ANGELES	MADERA	MARIN	MARIPOSA	
P06-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS SUDDEN INFANT DEATH SYNDROME OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS ALL OTHER DISEASES	-	3	2	-	40	7	-	-	456	4	5	1	
Q00-Q99		-	1	11	1	22	2	4	-	351	9	6	1	
R06-R99		3	7	11	1	10	8	3	3	300	8	3	-	
R95		-	1	1	-	8	6	-	1	46	1	1	-	
REMAINDER OF R00-R99		3	6	10	1	2	2	3	2	254	7	4	-	
H08-H93, L00-L98		3	2	-	-	7	3	-	-	27	2	2	4	
V01-X59, Y85-Y86		10	68	77	5	244	43	34	4	2,002	50	55	16	
SEE FOOTNOTEN		5	17	25	2	91	21	10	1	751	22	11	3	
M06-M19		2	7	3	-	17	3	2	-	250	4	14	-	
M45-M74		2	1	16	-	15	2	1	-	76	2	2	-	
I46-I49	-	22	15	1	68	9	8	8	3	601	9	11	2	
REMAINDER OF V01-X59, Y85-Y86	3	21	18	2	53	8	13	13	3	324	13	17	9	
I60-I84, Y87.0	INTENTIONAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIREARMS OTHER INTENTIONAL SELF-HARM	3	20	12	3	62	10	11	5	732	13	28	2	
X72-X74		3	11	8	1	37	3	6	4	167	9	5	1	
REMAINDER OF I60-I84, Y87.0		-	9	7	2	25	7	5	1	365	4	23	1	
X85-Y09, Y87.1		2	9	3	-	52	2	5	2	896	7	3	1	
X93-X95		1	4	2	-	36	-	1	1	673	2	1	-	
REMAINDER OF X85-Y09, Y87.1		1	3	1	-	22	2	4	1	223	5	2	1	
Y10-Y34, Y87.2, Y89.9		-	2	2	-	3	3	1	1	-	50	1	15	-
Y35, Y89.0		-	1	-	-	-	2	-	-	-	15	-	2	-
Y36, Y89.1		-	-	-	-	-	-	-	-	-	1	-	-	-
Y40-Y84, Y88		-	2	1	-	-	5	-	-	-	24	-	3	-

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	MENDO-CINO	MERCED	MODOC	MONO	MON-TEREY	MAPA	NEVADA	ORANGE	PLACER	PLUMAS	RIVER-SIDE	SACRA-MENTO
A00-V09	TOTAL, ALL CAUSES	769	1,383	101	32	2,374	1,218	869	16,644	1,778	220	12,019	9,004
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	16	29	1	-	46	23	6	220	29	4	170	196
A00-A09	INTestinal infectious diseases	-	-	-	-	-	-	1	7	2	1	5	9
A16-A19	TUBERCULOSIS	9	8	-	-	21	4	-	16	7	1	3	8
A40-A41	SEPTICEMIA	-	2	-	-	3	1	-	20	5	-	12	35
B15-B19	VIRAL HEPATITIS	1	7	1	-	5	7	1	66	6	1	65	55
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	-	2	-	-	1	2	1	15	-	-	19	9
B35-B49	MYCOSES	6	10	-	-	16	9	2	88	9	1	44	65
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	193	313	19	12	552	274	242	4,012	492	62	2,720	2,100
C00-C07	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	46	70	4	1	119	46	56	92	117	13	658	499
C00-C14	OF DIGESTIVE ORGANS	3	2	-	-	19	5	10	101	11	1	65	55
C15-C26	OF STOMACH	16	22	3	-	42	15	15	335	45	4	245	167
C16	OF COLON	7	12	-	-	9	5	3	113	14	2	66	51
C18	OF LIVER AND INTRAPERITONEAL BILE DUCTS	8	21	1	-	31	9	15	122	22	3	143	102
C22	OF PANCREAS	7	9	-	1	5	10	6	109	14	2	76	85
C17-C19-C21-C23-C24-C26	OF OTHER DIGESTIVE ORGANS	7	9	-	-	5	10	6	109	14	2	76	85
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	56	78	8	2	157	85	81	1,038	161	23	740	594
C32	OF LARYNX	-	1	-	-	3	4	-	12	-	1	20	8
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	56	76	8	2	153	81	81	1,019	160	22	714	580
C30-C31, C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	2	1	-	-	1	3	3	7	1	-	6	6
C43-C49	MALIGNANT MELANOMA OF SKIN	2	4	-	-	5	9	4	65	5	2	32	23
C50	OF BREAST	15	26	2	1	36	13	14	304	34	5	31	28
C51-C58	OF FEMALE GENITAL ORGANS	13	11	-	1	29	11	6	216	12	3	176	174
C53	OF CERVIX UTERI	1	3	-	-	3	1	2	40	2	-	137	103
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	6	8	-	-	6	3	3	44	7	1	29	23
C56	OF OVARY	6	8	-	1	20	7	3	121	7	2	69	60
C51-C52, C57-C58	OF OTHER FEMALE GENITAL ORGANS	11	28	-	-	38	20	14	225	34	4	77	66
C60-C63	OF MALE GENITAL ORGANS	11	26	-	-	38	19	14	217	33	4	175	116
C61	OF PROSTATE	11	26	-	-	38	19	14	217	33	4	175	113
C60, C62-C63	OF OTHER MALE GENITAL ORGANS	5	23	-	1	19	15	16	168	18	4	125	84
C64-C68	OF URINARY TRACT	2	17	-	1	17	9	4	94	13	2	60	46
C64-C65	OF KIDNEY AND RENAL PELVIS	3	6	-	-	10	9	11	94	4	2	62	36
C67	OF BLADDER	5	16	-	-	7	9	1	9	9	2	3	2
C64, C68	OF OTHER URINARY TRACT	5	4	-	-	12	4	4	126	21	4	66	51
C71	OF BRAIN	21	29	4	1	59	21	20	449	37	3	283	216
C81	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	2	4	-	-	4	9	1	14	7	1	115	91
C82-C85	HODGKIN'S DISEASE	4	16	2	-	21	9	9	173	14	1	115	91
C86, C90	NON-HODGKIN'S LYMPHOMA	2	5	-	-	15	1	5	65	7	-	49	45
C91-C95	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	13	8	2	1	19	10	5	195	15	2	112	72
C96	LEUKEMIA	-	-	-	-	-	-	-	-	-	-	-	-
REMAINDER OF C00-C97	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	15	24	1	2	56	41	21	302	42	1	241	187
D00-D48	OTHER MALIGNANT NEOPLASMS	3	9	-	-	15	11	4	83	4	2	53	38
D50-D89	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	3	9	-	-	15	11	4	83	4	2	53	38
D50-D64	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	3	1	1	-	14	2	2	29	1	1	20	20
	AMERIAS	2	-	-	-	6	1	1	11	1	1	6	7

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	MENDO-CINO	MERCED	MODOC	MONO	MON-TEREY	NAPA	NEVADA	ORANGE	PLACER	PLUMAS	RIVER-SIDE	SACRA-MENTO
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	1	1	1	-	8	1	1	4	-	-	3	3
D45-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	-	-	-	-	-	-	14	-	-	11	10
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	34	62	4	-	84	40	16	538	55	11	282	279
E10-E14	DIABETES MELLITUS	21	48	2	-	55	31	10	427	35	6	213	212
E00-E07, E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	13	14	2	-	29	9	6	111	20	5	69	67
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	16	15	3	-	41	12	14	286	27	1	158	173
F01, F03	ORGANIC DEMENTIA	10	3	1	-	26	8	10	233	20	-	115	127
F02, F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	6	12	2	-	15	4	4	53	7	1	43	46
G00-G98	DISEASES OF THE NERVOUS SYSTEM	17	43	6	-	94	64	23	497	71	4	433	275
G20-Q21	PARKINSON'S DISEASE	4	12	1	-	21	12	10	134	11	3	71	40
G30	ALZHEIMER'S DISEASE	9	23	4	-	46	41	4	244	46	1	276	146
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	4	8	3	-	27	11	9	119	14	-	86	89
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	283	495	38	10	923	496	346	7,118	697	70	5,275	3,553
I00-I09	DISEASES OF THE HEART	206	348	21	7	627	318	233	5,296	488	54	4,667	2,582
I11, I13	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	2	2	1	-	5	7	2	31	-	-	22	6
I20-I25	HYPERTENSIVE HEART	10	24	1	-	22	13	13	189	10	6	185	133
I26-I51	OTHER HEART DISEASE	138	264	14	7	476	239	175	4,462	388	36	3,384	2,071
I10, I12	HYPERTENSION	56	58	6	-	124	72	43	111	82	12	476	372
I60-I69	CEREBROVASCULAR DISEASES	4	16	1	-	25	13	2	111	1	1	81	80
I70	ATHEROSCLEROSIS	57	110	12	2	206	134	86	1,340	159	10	850	723
I71	AORTIC ANEURYSM	9	6	1	-	20	18	6	160	15	1	114	78
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	2	10	1	1	21	13	12	113	15	3	174	43
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	5	5	2	-	24	5	7	98	9	1	87	47
J10-J16	INFLUENZA AND PNEUMONIA	79	152	15	4	239	160	103	1,706	194	33	1,294	1,074
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	18	35	9	2	70	58	18	680	60	5	311	390
J43	EMPHYSEMA	53	106	4	2	123	72	72	899	111	24	854	555
J45-J46	ASTHMA	4	21	1	-	14	12	5	142	21	3	96	76
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	2	8	-	-	6	1	2	35	3	-	17	23
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	47	77	8	2	103	59	65	722	87	21	741	456
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	2	2	1	-	17	11	5	6	10	1	14	56
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	6	9	1	-	29	19	8	121	13	3	115	73
K25-K26	PEPTIC ULCER	29	83	4	2	85	45	25	551	47	9	416	346
K40-K46	HERNIA	1	8	-	1	8	4	6	56	-	-	36	37
K70, K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	1	2	-	-	-	1	-	12	-	-	9	6
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	15	27	1	1	27	22	5	232	13	2	191	136
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	-	2	-	-	9	1	-	19	2	-	12	17
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	12	44	3	-	41	17	14	232	25	5	168	150
M00-M98	DISEASES OF THE GENITOURINARY SYSTEM	8	12	1	-	16	8	5	87	8	1	69	59
M00-N39	DISEASES OF THE URINARY SYSTEM	12	15	2	-	45	21	12	283	40	5	191	161
N00-N07, N17-N19	NEPHRITIS	11	14	1	-	46	20	10	283	38	5	185	157
REMAINDER OF N00-N39	OTHER DISEASES OF THE URINARY SYSTEM	9	7	1	-	26	4	5	124	12	3	90	39
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	2	7	1	-	19	16	5	159	26	2	95	118
O00-O99	PREGNANCY, CHILD BIRTH AND THE PUERPERIUM	1	1	-	-	1	1	2	-	2	-	6	4
		-	-	-	-	-	-	-	6	-	-	2	2

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	MENDO-CINO	MERCED	MODOC	MONO	MON-TEREY	MAPA	NEVADA	ORANGE	PLACER	PLUMAS	RIVER-SIDE	SACRA-MENTO	
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS SUDDEN INFANT DEATH SYNDROME OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS ALL OTHER DISEASES ACCIDENTS MOTOR VEHICLE ACCIDENTS FALLS DROWNINGS AND SUBMERSIONS POISONINGS AND EXPOSURE TO NOXIOUS SUBSTANCES OTHER ACCIDENTS INTENTIONAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIREARMS OTHER INTENTIONAL SELF-HARM ASSAULT (HOMICIDE) BY DISCHARGE OF FIREARMS OTHER ASSAULT EVENT OF INDETERMINENT INTENT LEGAL INTERVENTION OPERATIONS OF WAR COMPLICATIONS OF MEDICAL AND SURGICAL CARE	1	8	1	-	17	-	2	101	6	-	71	45	
Q00-Q99		4	14	-	1	11	1	3	112	12	-	63	45	
R00-R99		4	23	-	-	11	6	7	46	3	2	60	69	
REMAINDER OF R00-R99		2	5	-	-	3	-	1	12	2	-	5	17	
H00-H93, L00-L98		2	18	-	-	8	6	6	34	1	2	2	52	
V01-V59, Y85-Y86		-	2	-	-	5	-	2	1	-	-	-	4	9
SEE FOOTNOTE		37	64	-	2	110	41	36	623	67	11	11	481	325
W00-W19		8	35	-	-	34	13	7	210	17	5	5	175	103
Y45-Y74		3	5	-	1	15	8	7	113	12	2	2	57	43
Y40-Y49		1	2	-	1	6	2	1	29	12	2	2	22	13
REMAINDER OF V01-V59, Y85-Y86		10	9	-	-	31	5	7	166	11	1	1	102	75
X60-X84, Y87.0		15	13	-	-	24	13	14	105	25	3	3	125	91
X72-Y74		18	25	4	-	28	9	13	210	19	3	3	155	138
REMAINDER OF X60-X84, Y87.0		8	9	2	-	13	5	8	98	11	2	2	83	68
X85-Y09, Y87.1		10	16	2	-	15	4	5	112	8	1	1	72	70
REMAINDER OF X85-Y09, Y87.1		7	15	-	-	31	5	6	96	3	3	-	81	76
Y10-Y34, Y87.2, Y89.9		5	13	-	-	19	3	3	62	2	2	-	51	44
Y35, Y89.0		2	2	-	-	12	2	3	34	1	1	-	30	32
Y36, Y89.1		3	3	-	-	3	-	2	27	3	3	1	11	11
Y40-Y84, Y88	1	-	-	1	3	-	-	6	-	-	-	6	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1	-	-	-	-	-	-	6	-	-	-	-	-	
	1	-	-	-	-	-	-	6	-	-	-	4	4	

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BERNARDINO	SAN DIEGO	SAN FRANCISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA
A00-Y89	TOTAL, ALL CAUSES	269	10,989	19,168	6,645	4,348	2,024	4,926	2,951	9,033	1,632	1,686	39
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	5	194	408	301	59	28	79	66	155	40	17	-
A00-A09	INTestinal Infectious Diseases	-	8	13	7	-	-	2	2	1	1	-	-
A10-A19	Tuberculosis	-	32	79	23	15	-	3	-	36	13	-	-
A40-A41	Septicemia	-	9	25	6	3	2	4	5	14	-	1	-
B10-B19	Human Immunodeficiency Virus Disease	2	59	145	197	6	2	17	4	34	12	1	-
B20-B24	Mycoses	2	15	28	9	8	4	-	2	16	3	1	-
B30-B39	Other Infectious and Parasitic Diseases	1	62	109	54	27	15	28	26	47	11	6	-
C00-C97	Malignant Neoplasms	74	2,317	4,592	1,535	937	462	1,263	635	2,219	339	395	11
C00-C14	Of Lip, Oral Cavity and Pharynx	19	37	58	26	15	4	26	13	42	4	5	-
C15-C26	Of Digestive Organs	2	527	1,033	456	216	87	307	139	600	78	81	1
C15	Of Esophagus	4	73	92	43	19	7	29	13	52	4	12	-
C16	Of Stomach	1	59	100	62	25	7	38	17	77	7	11	-
C18	Of Colon	4	170	326	119	82	31	96	42	201	30	26	-
C22	Of Liver and Intrahepatic Bile Ducts	4	56	129	95	21	6	35	12	90	7	4	-
C25	Of Pancreas	4	107	267	74	36	22	79	36	118	19	18	-
C30-C39	Of Other Digestive Organs	4	62	119	63	31	14	30	19	62	11	10	-
C30-C39	Of Respiratory and Intrathoracic Organs	15	641	1,210	392	277	127	317	175	531	83	120	4
C32	Of Larynx	15	15	23	12	7	2	6	1	13	2	119	-
C33-C34	Of Trachea, Bronchus and Lung	-	617	1,182	374	269	125	308	174	512	81	-	-
C30-C31, C35-C39	Of Other Respiratory and Intrathoracic Organs	-	9	5	6	1	-	3	-	6	-	6	-
C43	Malignant Melanoma of Skin	-	31	84	23	20	10	17	18	31	8	3	-
C49	Of Mesothelial and Soft Tissue	-	30	75	23	18	9	15	11	28	3	2	-
C50	Of Breast	10	189	347	88	79	37	103	39	187	29	35	1
C51-C58	Of Female Genital Organs	3	123	234	63	39	32	63	36	126	19	15	-
C53	Of Cervix Uteri	-	31	36	9	5	4	5	3	7	7	3	-
C54-C55	Of Corpus Uteri and Uterus, Part Unspecified	-	35	49	13	10	7	18	6	36	4	1	-
C56	Of Ovary	1	51	139	39	22	20	39	25	71	7	10	1
C51-C52, C57-C58	Of Other Female Genital Organs	12	6	10	-	2	1	1	2	12	1	1	-
C60-C63	Of Male Genital Organs	9	149	302	68	67	37	83	44	107	24	27	-
C61	Of Prostate	8	145	297	67	65	34	82	44	105	24	27	-
C60-C62-C63	Of Other Male Genital Organs	1	4	5	1	2	1	1	-	2	-	-	-
C64-C65	Of Urinary Tract	7	119	191	52	39	26	49	31	83	11	13	-
C64	Of Kidney and Renal Pelvis	2	55	95	26	17	12	17	11	47	5	10	-
C67	Of Bladder	5	61	94	24	18	14	31	19	36	6	10	-
C66-C68	Of Other Urinary Tract	1	51	153	38	27	12	32	14	65	14	10	-
C71	Of Brain	1	2	2	2	1	-	1	-	-	-	-	-
C81-C96	Of Lymphoid, Hematopoietic and Related Tissue	6	226	526	161	85	42	145	73	235	33	45	1
C81	Hodgkin's Disease	3	12	12	6	2	1	4	3	10	1	1	-
C82-C85	Non-Hodgkin's Lymphoma	3	90	207	73	35	16	64	31	93	12	17	-
C86-C96	Multiple Myeloma and Immunoproliferative Neoplasms	2	42	107	24	16	9	31	18	43	10	10	-
C91-C95	Leukemia	1	81	200	58	32	16	46	20	89	10	16	-
C96	Other Lymphoid, Hematopoietic and Related Tissue	-	1	-	-	-	-	-	1	-	-	1	-
REMAINDER OF C00-C97	Other Malignant Neoplasms	4	194	379	147	58	39	106	53	184	33	36	1
D00-D48	In Situ Neoplasms, Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior	6	53	86	34	28	10	32	22	48	8	9	-
D50-D89	Diseases of Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism	-	27	51	28	14	5	13	11	20	1	2	-
D50-D64	Anemias	-	27	51	28	14	5	13	11	20	1	2	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BERNARDINO	SAN DIEGO	SAN FRANCISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	-	7	2	4	1	-	2	-	2	-	-	-
D65-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	15	21	19	6	2	8	5	10	1	-	-
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	12	437	504	177	172	48	134	89	297	62	90	1
E10-E14	DIABETES MELLITUS	7	365	377	143	139	33	110	65	230	45	51	1
E00-E07, E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	5	72	127	34	33	15	24	24	67	17	39	-
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	3	293	218	107	47	38	58	62	170	38	41	4
F01-F03	ORGANIC DEMENTIA	2	96	84	58	22	24	43	39	120	21	21	3
F02-F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	1	197	134	49	25	14	15	23	50	17	20	3
G00-G98	DISEASES OF THE NERVOUS SYSTEM	8	320	1,043	229	105	60	183	127	302	49	47	1
G28-G21	PARKINSON'S DISEASE	-	48	170	40	14	12	32	22	68	7	7	-
G38	ALZHEIMER'S DISEASE	5	170	701	122	50	30	115	70	145	14	21	1
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	3	102	172	67	41	18	36	35	89	26	19	-
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	94	4,429	7,663	2,643	1,874	889	2,017	1,201	3,616	674	589	12
I00-I09, I11, I13, I20-I31	DISEASES OF THE HEART	68	3,446	5,654	1,888	1,371	655	1,381	1,051	2,601	502	447	8
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	1	17	30	19	10	4	14	4	26	7	4	-
I11, I13	CHRONIC RHEUMATIC HEART DISEASE	2	291	230	264	70	56	85	85	142	23	18	-
I20-I25	ISCHEMIC HEART DISEASE	45	2,727	4,471	1,358	1,050	460	1,027	582	1,992	367	319	-
I26-I31	OTHER HEART DISEASE	29	411	267	287	241	135	255	180	441	105	106	-
I10-I12	HYPERTENSION	3	93	165	41	31	13	41	19	79	11	9	-
I60-I69	CEREBROVASCULAR DISEASES	20	726	1,507	603	401	175	495	270	751	119	104	-
I70	ATHEROSCLEROSIS	1	49	137	33	29	20	30	11	64	8	13	-
I71	ACUTE ANEURYSM	2	58	119	42	17	15	50	27	62	14	11	-
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	-	57	81	36	25	11	20	23	59	10	5	-
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	37	1,184	2,129	720	481	236	568	327	1,008	182	214	-
J10-J18	INFLUENZA AND PNEUMONIA	14	284	481	307	151	66	202	129	357	46	53	-
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	18	804	1,145	321	274	122	281	143	473	112	135	-
J43	EMPHYSEMA	5	107	123	57	41	22	59	22	71	22	13	-
J45-J46	ASTHMA	1	41	40	22	15	5	15	12	23	6	5	-
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	12	656	982	242	218	95	207	109	379	84	117	-
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	1	17	100	11	18	16	26	27	78	8	10	-
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	4	79	203	81	38	32	59	28	100	16	16	-
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	10	416	627	239	160	73	165	108	345	66	80	-
K25-K28	PEPTIC ULCER	2	40	45	30	10	5	20	10	29	5	6	-
K40-K46	HEPATOMA	-	13	14	4	3	-	2	-	7	3	1	-
K70-K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	4	163	240	94	71	28	52	41	143	26	27	-
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	18	22	15	7	4	5	1	10	1	3	-
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	4	182	306	96	69	36	86	56	156	31	43	-
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1	62	132	29	22	13	28	14	59	18	10	-
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	4	203	242	104	69	30	85	60	143	37	29	-
N60-N67, N17-N19	DISEASES OF THE URINARY SYSTEM	3	194	228	101	67	28	82	59	138	34	28	-
N25-N27	NEPHRITIS	3	102	71	51	45	15	28	14	67	16	11	-
REMAINDER OF N00-N98	OTHER DISEASES OF THE URINARY SYSTEM	-	94	157	50	22	13	54	45	71	18	17	-
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	1	7	14	3	2	2	3	1	5	3	1	-
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	2	2	1	-	-	-	1	3	-	-	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BERNARDINO	SAN DIEGO	SAN FRANCISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA	
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS SUDDEN INFANT DEATH SYNDROME OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS ALL OTHER DISEASES ACCIDENTS MOTOR VEHICLE ACCIDENTS FALLS DROWNINGS AND SUBMERSIONS POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES OTHER ACCIDENTS. INTENTIONAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIREARMS OTHER INTENTIONAL SELF-HARM ASSAULT (HOMICIDE) BY DISCHARGE OF FIREARMS OTHER ASSAULT EVENT OF INDETERMINED INTENT LEGAL INTERVENTION OPERATIONS OF WAR COMPLICATIONS OF MEDICAL AND SURGICAL CARE	-	105	111	12	16	3	20	12	66	7	2	-	
Q00-Q99		1	83	103	14	24	4	26	14	56	14	8	-	
R00-R99		1	58	64	19	18	8	4	4	7	30	4	4	-
R95		-	32	17	5	4	-	-	3	2	11	-	-	-
REMAINDER OF R00-R99		1	26	47	14	14	8	8	1	5	19	4	4	-
H00-H93, L00-L98		-	13	14	12	6	1	1	7	3	16	3	-	-
V01-X59, Y85-Y86		11	406	753	288	209	81	81	154	144	299	57	94	-
SEE FOOTNOTER		5	214	238	51	82	21	21	41	21	116	9	22	-
W00-W19		-	45	119	42	24	12	12	27	33	39	15	15	-
W65-W74		-	11	31	11	11	1	1	5	5	21	8	2	-
X40-X49		2	37	191	149	54	54	22	49	38	63	8	19	-
REMAINDER OF V01-X59, Y85-Y86		4	97	174	35	34	34	25	32	47	60	17	36	-
X60-X84, Y87.0		1	163	286	83	56	56	28	64	35	128	27	39	-
X72-X74		1	94	132	22	31	31	13	24	15	56	10	23	-
REMAINDER OF X60-X84, Y87.0	-	69	154	61	25	25	15	40	20	72	17	16	-	
X85-Y09, Y87.1	1	127	101	51	45	45	3	22	9	39	6	12	1	
X93-X95	-	95	55	28	26	26	-	15	4	18	2	9	1	
REMAINDER OF X85-Y09, Y87.1	1	32	46	23	19	19	3	7	5	21	4	3	-	
Y10-Y34, Y87.2, Y89.9	-	9	17	13	5	5	1	1	-	7	-	-	-	
Y35, Y89.0	-	5	7	-	-	-	-	-	-	5	-	2	-	
Y36, Y89.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Y40-Y84, Y88	-	3	15	6	1	1	3	3	4	2	-	-	2	

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	SOLANO	SONOMA	STANI-SLAUS	BUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMNIE	VENTURA	YOLO	YUBA
A00-Y89	TOTAL, ALL CAUSES	465	2,358	3,735	3,354	644	618	137	2,545	528	4,556	1,833	551
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	6	61	60	55	14	6	5	56	8	69	17	11
A00-A09	INTESTINAL INFECTIOUS DISEASES	-	3	3	3	2	-	-	2	-	2	-	1
A14-A19	TUBERCULOSIS	-	11	-	4	-	-	-	27	-	26	7	2
A40-A41	SEPTICEMIA	-	5	4	3	2	-	-	5	-	3	-	1
B15-B19	VIRAL HEPATITIS	-	-	-	-	-	-	-	-	-	-	-	-
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	-	21	11	7	4	-	1	3	2	12	1	3
B35-B49	MYCOBES	-	2	-	3	1	1	-	6	2	5	-	2
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	5	16	22	25	2	3	1	13	2	21	9	2
C00-C07	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	115	587	929	776	133	156	42	537	139	1,106	238	121
C00-C14	OF DIGESTIVE ORGANS	1	10	10	8	28	35	13	130	32	238	56	22
C15-C26	OF ESOPHAGUS	19	136	231	167	5	3	1	130	4	19	3	3
C15	OF STOMACH	3	11	29	14	2	2	1	20	-	21	8	8
C16	OF COLON	7	43	75	61	8	13	8	61	14	88	20	8
C18	OF LIVER AND INTRAHEPATIC BILE DUCTS	3	15	24	13	1	3	2	11	3	21	5	2
C25	OF PANCREAS	4	32	56	35	9	10	-	33	4	58	11	7
C17, C19-C21, C23-C24, C26	OF OTHER DIGESTIVE ORGANS	1	19	31	24	3	4	1	18	5	31	9	-
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	33	176	229	240	46	54	15	145	44	301	63	51
C32	OF LARYNX	1	4	5	3	2	3	-	1	1	5	1	1
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	32	171	223	236	44	51	15	144	43	295	61	51
C30-C31, C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	1	1	1	-	-	-	-	-	-	-	-
C43	MALIGNANT MELANOMA OF SKIN	3	12	15	11	3	4	1	10	2	20	2	2
C43-C49	OF MALIGNANT MELANOMA OF SKIN	3	50	73	58	9	9	4	44	10	14	2	1
C50	OF BREAST	6	21	55	37	8	4	-	29	-	93	27	7
C51-C58	OF FEMALE GENITAL ORGANS	6	1	4	4	2	1	-	7	-	10	1	6
C53	OF CERVIX UTERI	-	-	-	-	-	-	-	-	-	-	-	-
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	3	6	15	12	4	-	-	6	1	17	3	4
C56	OF OVARY	3	13	31	19	2	2	-	15	1	19	3	2
C51-C52, C57-C58	OF OTHER FEMALE GENITAL ORGANS	3	1	5	2	1	1	-	1	-	5	-	-
C60-C63	OF MALE GENITAL ORGANS	7	35	44	46	4	13	1	36	11	54	12	10
C61	OF PROSTATE	7	34	43	45	4	13	1	34	11	54	12	10
C60-C62, C63	OF OTHER MALE GENITAL ORGANS	6	1	1	1	6	5	-	2	6	4	7	6
C64-C68	OF URINARY TRACT AND RENAL PELVIS	2	23	54	37	4	3	1	20	6	44	3	3
C64	OF KIDNEY	2	16	25	18	2	2	1	11	4	19	4	4
C65	OF BLADDER	4	6	27	18	4	2	1	11	4	24	4	4
C66, C68	OF OTHER URINARY TRACT	4	1	2	1	-	-	-	1	-	1	-	-
C71	OF BRAIN	6	17	32	15	3	3	-	8	5	43	9	1
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	13	52	99	83	11	15	4	60	12	142	27	5
C81	HODGKIN'S DISEASE	8	3	4	1	4	7	2	27	2	53	11	2
C82-C85	NON-HODGKIN'S LYMPHOMA	8	21	41	37	4	7	-	11	2	53	21	2
C88, C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	3	12	20	15	2	2	-	6	3	30	6	2
C91-C95	LEUKEMIA	2	16	34	30	4	6	2	26	7	54	10	1
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
REMAINDER OF C90-C97	OTHER MALIGNANT NEOPLASMS	14	56	80	67	9	12	2	40	16	94	21	8
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	-	13	18	17	4	6	-	9	10	22	2	4
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	3	7	8	10	3	3	-	7	-	11	-	1
D50-D64	ANEMIAS	2	4	4	2	-	2	-	5	-	17	-	1

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	SOLANO	SONOMA	STANI-SLAUS	SUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMME	VENTURA	YOLO	YUBA
D88-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	1	-	2	-	1	-	-	-	-	1	-	-
D45-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	3	2	8	2	1	-	-	-	3	-	-
E00-E08	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	17	88	110	126	10	27	5	124	15	194	36	18
E10-E14	DIABETES MELLITUS	13	60	75	100	4	23	5	73	11	136	29	16
E80-E87, E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	4	28	35	26	6	4	-	51	4	58	7	2
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	12	39	44	60	7	10	3	60	11	67	19	4
F01-F03	ORGANIC DEMENTIA	8	26	25	20	6	8	2	25	11	38	13	2
F02.F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	4	13	19	20	1	2	1	15	-	29	6	2
G00-G98	DISEASES OF THE NERVOUS SYSTEM	10	69	144	98	13	15	2	47	20	146	37	14
G20-G21	PARKINSON'S DISEASE	1	9	38	16	5	2	-	11	1	28	9	4
G30	ALZHEIMER'S DISEASE	7	38	68	47	4	8	1	18	13	78	19	5
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	2	22	38	35	4	5	1	18	6	40	9	5
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	159	892	1,546	1,342	290	240	43	986	193	1,818	380	211
I00-I09	DISEASES OF THE HEART	110	632	1,109	1,004	211	177	31	751	140	1,298	254	148
I11-I13	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	1	-	10	7	4	3	-	3	1	10	2	2
I20-I25	HYPERTENSIVE HEART	2	42	72	74	11	4	1	38	6	62	25	5
I26-I31	ISCHEMIC HEART	72	436	605	794	161	134	22	544	99	991	176	118
I32-I34	OTHER HEART DISEASE	35	154	222	129	35	36	4	166	34	215	51	23
I10-I12	HYPERTENSION	1	11	26	30	5	4	1	22	4	45	7	4
I60-I69	CEREBROVASCULAR DISEASES	35	220	333	255	59	50	8	180	37	377	93	49
I70	ATHEROSCLEROSIS	8	10	44	13	7	7	2	17	2	33	13	5
I71	AORTIC ANEURYSM	4	11	29	21	4	2	2	10	6	35	7	3
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1	8	25	19	4	-	1	6	4	30	6	2
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	64	263	390	308	84	69	15	270	57	459	138	68
J10-J18	INFLUENZA AND PNEUMONIA	24	80	115	134	22	20	6	74	18	139	47	18
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	28	144	216	217	47	37	7	148	28	244	75	39
J43	EMPHYSEMA	3	35	40	25	1	3	-	23	5	27	10	11
J45-J46	ASTHMA	3	5	5	3	1	-	-	6	-	14	2	2
J40-J42, J44, J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	23	104	171	189	39	34	4	117	23	203	63	26
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	4	20	25	17	4	4	-	18	4	31	8	2
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	8	19	34	20	11	8	2	30	7	45	8	9
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	33	99	133	132	19	22	2	101	25	182	47	21
K25-K28	PEPTIC ULCER	-	7	14	5	3	1	-	5	5	11	2	2
K40-K46	HEPATIC LIVER DISEASE AND CIRRHOSIS	-	1	2	3	-	1	-	1	-	3	-	-
K70-K73-K74	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	12	39	37	53	9	8	1	46	6	63	22	13
K80-K82	OTHER DISEASES OF THE DIGESTIVE SYSTEM	1	4	6	10	-	2	-	1	1	9	-	-
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM AND CONNECTIVE TISSUE	20	48	74	61	7	10	1	48	16	96	19	6
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1	12	25	22	5	1	-	12	3	32	8	4
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	12	57	51	36	11	13	1	72	6	73	24	8
N00-N39	DISEASES OF THE URINARY SYSTEM	12	55	48	35	11	13	1	67	6	72	20	8
N00-N07, N17-N19	NEPHRITIS	9	18	14	12	8	8	1	43	3	45	6	4
N25-N27	OTHER DISEASES OF THE URINARY SYSTEM	3	37	34	23	3	5	-	24	3	27	14	4
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	-	2	3	1	-	-	-	5	-	1	4	-
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	1	1	-	-	-	-	-	-	-	-

TABLE 5-24. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 1999 (By Place of Residence) - Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	BOLANO	SONOMA	STANI-SLAUS	SUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMNE	VENTURA	YOLO	YUBA	
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS SUDDEN INFANT DEATH SYNDROME OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS ALL OTHER DISEASES ACCIDENTS MOTOR VEHICLE ACCIDENTS FALLS DROWNINGS AND SUBMERSIONS POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES OTHER ACCIDENTS INTENTIONAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIREARMS OTHER INTENTIONAL SELF-HARM ASSAULT (HOMICIDE) BY DISCHARGE OF FIREARMS OTHER ASSAULT EVENT OF INDETERMINENT INTENT LEGAL INTERVENTION OPERATIONS OF WAR COMPLICATIONS OF MEDICAL AND SURGICAL CARE	-	13	16	27	1	5	-	21	1	31	4	4	
Q00-Q99		1	10	20	26	3	-	-	2	13	2	26	8	4
R00-R99		3	13	7	11	3	3	-	3	14	2	17	6	2
R95		-	9	3	3	1	1	-	1	-	-	6	1	-
REMAINDER OF R00-R99		3	4	4	8	2	2	-	2	14	2	11	5	2
M00-M93.L00-L98		-	2	6	1	-	-	-	-	9	1	8	2	1
V01-X59.Y85-Y86		18	76	144	172	34	33	11	11	160	24	201	38	42
SEE FOOTNOTE		6	37	49	63	8	9	2	2	45	8	63	10	13
M00-M19		2	11	18	24	4	4	-	-	10	1	34	7	2
M65-M74		-	5	5	4	4	4	-	-	2	1	6	3	1
X40-X49		1	12	42	41	3	5	2	2	30	3	55	6	12
REMAINDER OF V01-X59.Y85-Y86		9	11	30	38	15	8	5	5	53	11	43	12	14
X60-X84.Y87.0		8	33	47	36	7	8	3	3	37	9	60	20	10
X72-X74		5	15	23	19	4	5	3	3	17	8	34	10	4
REMAINDER OF X60-X84.Y87.0		3	18	24	17	3	3	-	-	20	1	26	12	6
X85-Y09.Y87.1		-	21	9	24	2	2	1	-	25	1	25	5	2
X93-X95		-	13	4	16	-	-	-	-	13	1	12	2	1
REMAINDER OF X85-Y09.Y87.1		-	8	5	8	2	2	1	-	12	-	13	3	1
Y10-Y34.Y87.2.Y89.9		1	1	4	8	1	1	2	-	3	-	1	3	1
Y35.Y89.0	-	-	-	2	-	-	1	-	-	-	-	-	-	
Y36.Y89.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Y40-Y84.Y88	2	2	3	4	-	-	-	-	2	1	8	1	-	

NOTE: RATES ARE PER 100,000 TOTAL POPULATION UNLESS OTHERWISE SPECIFIED.

A 026 MALE DEATHS WERE ASSIGNED TENTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES CODE C50.
 B SEX-SPECIFIC RATES (PER 100,000 POPULATION), CALIFORNIA MALE AND FEMALE POPULATION FOR 1999 WERE ESTIMATED TO BE 17,099,812 AND 16,972,666 RESPECTIVELY.
 C PER 10,000 LIVE BIRTHS (1999 LIVE BIRTHS-518,073).
 D PER 1,000 LIVE BIRTHS.
 E LESS THAN 0.05.

* THE ICD-10 CODES FOR MOTOR VEHICLE ACCIDENTS ARE V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

SOURCE: STATE OF CALIFORNIA, DEPARTMENT OF FINANCE, 1999 POPULATION PROJECTIONS, DECEMBER 1998.
 STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES, DEATH RECORDS.

6. SOURCES, QUALITY, AND LIMITATIONS OF DATA

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VITAL STATISTICS REGISTRATION

History of Vital Statistics Registration

Less than a decade after the formation of California State Government in 1850, a law was enacted requiring the state to register vital events. The law was repealed in 1860, and vital events were then registered by local offices and were incomplete. Effective statewide coordination of the registration of births, deaths, and marriages began in California in 1905 when the Bureau of Vital Statistics was established. Statewide registration and reporting of births, deaths, and marriages has continued without interruption since that date. California was admitted to the United States Death Registration Area in 1906, to the Birth Registration Area in 1919, to the Marriage Registration Area in 1957, and to the Divorce Registration Area in 1968.

In 1962 a statewide reporting system for divorces and annulments was established. Because the report of final decree contained very few items of information, only a limited index and simple counts by county were available. A more extensive divorce reporting system went into effect in 1966, requiring initial complaints and final decrees to be reported. The Family Law Act of 1969, implemented January 1, 1970, removed adversarial proceedings, changed the name of the decrees of marital dissolution, and reduced the waiting period from initial filing to final decree. In 1978, the Legislature sharply reduced the scope of California's marriage dissolution reporting system, and in that same year, California was dropped from the U.S. Divorce Registration Area. Since 1978, county clerks report to the State Registrar only type of final decree, county case number, spouses' names, and date decree granted.

From 1905 through 1939, a stillbirth required filing both a birth and a death certificate. The birth certificate contained an item requiring the attendant at birth to indicate whether or not the child was born alive. Processing of these birth certificates for stillbirths was exactly the same as for certificates of live births, except that they were excluded from the live birth tabulations. Beginning in 1940, stillbirths were registered on a certificate of Stillbirth, which was changed to a Certificate of Fetal Death in 1952.

Registration Systems at Present

In California, the registration of vital events is uniformly governed by statutory provisions set forth in Division 102 of the California Health and Safety Code. Forms, standards, and guidelines are provided by the Office of Vital Records, State Department of Health Services. (See *"The Vital Statistics System in California"*, inside front cover, for further functional definitions.)

Live Birth, Death, and Fetal Death Registration

Births, deaths, and fetal deaths are registered with the local registrar in the county or registration jurisdiction where the event took place. Registration forms are furnished by the Office of Vital Records. Local registrars prepare and maintain copies of original certificates; original certificates are then mailed to the State Registrar, indexed, and filed as permanent records.

The Health and Safety Code states that the health officer of any approved local health department is the local registrar for all registration districts in the health jurisdiction and shall perform all the duties of local registrar of births and deaths. In other areas, the State Registrar appoints a local registrar of births and deaths for each registration district.

Each live birth must be registered with the local registrar within ten days following the birth. For births occurring in a hospital, the hospital administrator or designee is responsible for registering the birth. For out-of-hospital births, the physician or other person in attendance is responsible for the registration; if no attendant is present, one of the parents must complete the registration (Health and Safety Code, Division 102, Chapter 3, Article 1).

Each fetal death in which the fetus has advanced to or beyond the 20th week of gestation must be registered with the local registrar within eight days following delivery, prior to any disposition of the fetus (Health & Safety Code, Division 102, Chapter 7, Article 1). It is the responsibility of the attending physician or the coroner to certify the cause of death. It is the responsibility of the funeral director, or other authorized person, to obtain all information other than that in the medical and health section, and to register the certificate.

Each death must be registered with the local registrar within eight days after the death occurs, prior to any disposition of the human remains. The persons charged with this responsibility are the funeral director, or other authorized person, and the physician in attendance or the coroner (Health and Safety Code, Division 102, Chapter 6, Article 1).

It is the responsibility of the physician last in attendance to complete the medical and health section of the death certificate, including the cause of death. However, in the event that no physician was in attendance within 20 days of the death, or the physician is unable to state the cause of death, the death becomes a coroner's case. In all cases where suicide or homicide is suspected, or where there was an accident or injury, it is the coroner's duty to investigate the death.

Marriage and Marriage Dissolution Registration

There are five types of marriage licenses which may be issued in California: "Public License" (Family Code Section 359), "Confidential" (Family Code Section 500), "Denominations Not Having Clergy" (Family Code Section 307), "Declaration of Marriage" (Family Code Section 425), and "Court Order Delayed Certificate of Marriage" (COD) (Health and Safety Code Section 103450). All marriage licenses except the COD are a three-part form. The forms are furnished by the Office of Vital Records to the county clerks responsible for issuing them. The original portion becomes the marriage certificate after the ceremony has been solemnized.

"Public" and "Denominations Not Having Clergy" licenses may be used anywhere in the State of California while a ceremony performed based upon the issuance of a "Confidential" license may only be performed in the county in which the license was issued. Each marriage must be registered with the local registrar by the person performing the ceremony within 30 days (Family Code Sections 423 and 506) after the solemnization. The county recorder is the local registrar of regular marriages and is responsible for transmitting the Certificate of Registry of Marriage to the Office of Vital Records. The county clerk is the local registrar of confidential marriages and is responsible for transmitting a copy of the Certificate of Confidential Marriage to the Office of Vital Records. Unlike records of public marriage, records of confidential marriages are not open to public inspection in the local registrar's office or the Office of Vital Records, except upon order of the Superior Court.

Certificates of Final Decree of Dissolution of Marriage, Judgment of Nullity, or Legal Separation are transmitted to the Office of Vital Records by the county clerk of the county in which the decree was granted.

This report does not include information from the registry of marriage and marriage dissolutions granted.

SOURCES AND QUALITY OF VITAL STATISTICS DATA

Vital statistics records of the State Department of Health Services are the source of data presented in this report. These records include certificates of live birth, death and fetal death. On the last page of this report is a table which outlines legislatively mandated details of the registration process. Chapter 8: Appendix of Sources includes sample facsimiles of birth, death, and fetal death certificates.

Births, Deaths, and Fetal Deaths

Birth data are obtained through an electronic registration process wherein birth certificates are generated from data entered into the Automated Vital Statistics System (AVSS) at the birth hospital or office of the local registrar. The electronic data are transmitted from the local registry to the state where they are checked, further edited, and modified if necessary.

Selected fields from the paper death certificate are key entered into the death database at the State, where the data are edited. Underlying cause of death is derived from the cause of death text entries on the death certificate. Beginning in 1996, the Office of Vital Records utilized SuperMICAR, a new software product developed by the National Center for Health Statistics, for determining and electronically coding the underlying cause of death. This software system integrates and replaces the prior coding system, which was a combination manual and automated processing system.

Information from fetal death certificates is also key entered by the State into an electronic database for analysis.

"Residence" and "Occurrence"

In this report, events that occurred out of the state to California residents or out of the county of residence are included in the state and/or county of residence in tables subtitled "by place of residence." Tables in this report subtitled "by place of occurrence" include events that occurred in the specified geographic area, irrespective of the place of residence. These tables include events to non-California residents.

Some certificates of live birth, death, and fetal death that occur out of California to California residents, or which occur in California to out-of-state residents are reallocated to the state of residence. This is made possible by a cooperative program among the states to exchange copies of certificates for nonresident events. Mortality and natality data have been tabulated primarily by place of residence since 1945; in all years since then, except 1947, some reallocated certificates have been included in California residence data.

Completeness of Data

California birth registration is considered to be complete for births occurring in California. An extensive study of the completeness of birth registration was conducted by the Bureau of the Census.¹ It found that during a five-year period in the United States, birth registration was 99.3 percent complete. There is some omission of out-of-state births to California residents, but the effect of this problem is small, accounting for less than 0.2% of the total number of births.

Death registration is considered to be almost 100 percent complete because a death certificate must be filed before a burial permit is issued. Some under-registration may occur for deaths of children under one year of age and particularly to children dying in the first day of life.

Though no thorough study of the completeness of California's fetal death registration has been conducted recently, it appears that the legally mandated death registration of fetuses that have advanced to or beyond the 20th week of gestation is not complete. The extent and consistency of such non-reporting is unknown at this time.

Inter-state reallocations of births, deaths, and fetal deaths are made either via copies of paper certificates or by electronic means. Reallocated events are included in the vital statistics data files to the extent that they are received in a timely manner and in a useable format. Some reallocation records for births and deaths that occurred out of state to California residents may be received late or may be in a non-compatible electronic format. This could result in a small undercount of vital events for California residents in this report. In addition, a small number of vital events are registered after the cutoff date for creation of the annual birth, death, and fetal death statistical files. These late registrations are not included in this report.

California Birth Cohort File

In population research, a cohort is a group of individuals who have experienced the same significant demographic event during a specific period of time (usually a year), and who may be identified as a group at successive later dates by this common demographic experience. Cohort studies enable accurate descriptions of changes occurring in a specific group of individuals over time. The most common and important cohort is a birth cohort, persons born during the same year or years.

Since 1965, the Department of Health Services has linked California's live birth and infant death records on computer tapes to create the California Birth Cohort File. Each cohort consists of records of live births and fetal deaths registered in a calendar year. The death records of infants who die within the first year of life (including those who die in the calendar year following their birth year) are matched and linked to their respective live birth records in the California Birth Cohort File.

Rates computed from this birth cohort file are a direct measure of infant loss because they represent the mortality experience of a cohort of infants from birth to one year of age. The Birth Cohort File may be used to compute fetal, neonatal, perinatal, postneonatal, and infant mortality rates for a number of characteristics of the mother and child that are only available on the birth and fetal death certificates, such as age of mother, birth order, place of delivery, trimester prenatal care began, birthweight, gestational age, and race/ethnicity of the parents.

Studies have shown that the designation of race/ethnicity on the birth certificate is more accurate than on the death certificate.^{2,3} The Birth Cohort File enables more accurate race-specific death rates, since race for both the numerator and the denominator of rates are taken from the birth certificate information.

Life Tables

A life table is a statistical mechanism to summarize mortality experiences and provide estimates of longevity. There are two primary types of life tables: the generation or cohort life table and the current or cross-sectional life table.

The generation life table provides a longitudinal perspective and involves the mortality experience of a group or cohort of individuals who were born during the same time period. This type of life table best reflects changing environmental conditions, but is often not employed due to the practical constraints of gathering mortality data over many years.

A current life table describes the mortality forces on a population at a specific point in time. The current life table considers mortality for a hypothetical cohort and assumes that the hypothetical cohort is subject to the forces of mortality present in the year the table is constructed. This type of table demonstrates the long range-implications of currently prevailing age-specific death rates.

Life tables may also be distinguished according to the length of the age intervals used in constructing the tables. When the life table is constructed using every single year of age from birth to the last applicable age, the table is referred to as a complete life table. An abridged life table, on the other hand, is constructed using broader age intervals, generally five years. The methodology used in constructing life tables is described in detail in a report that was published by and is available from this office.⁴ The standard life table methodology was employed utilizing Chiang's formulae and the "fraction of last year of life" adjustments in calculating the probability of death.⁵

Table 1-17 presented in this report is derived from abridged life tables for males and females for selected years. California abridged life tables from earlier years are available from this office. These tables may differ from those published in earlier Vital Statistics of California reports because they have been re-calculated using newer population estimates.

Quality Control Procedures

Field validations, range edits and cross-edits on birth data are performed during the electronic birth registration process. Additional electronic edits are performed during subsequent processing of the vital statistics files. Duplicate records are eliminated. Additionally, vital statistics files are reviewed at the end of the processing year for systematic changes in the proportion of responses in all key data fields.

In addition, the National Center for Health Statistics performs an independent evaluation of selected certificate information by reviewing a sample of birth and death records to identify random errors. Error rates in the aggregate are less than two percent and identified errors are corrected.

Population

Vital statistics provide better measures of health status when they are related to the characteristics of the population at risk. Because human populations vary in size and composition, and the number of vital events that occur depends on both of these factors, rates or ratios are used to make accurate comparisons between subgroups. They also control for population variability by showing the number of events per unit of population (or other standard denominator).

The population data used as denominators for calculating rates are prepared by the Demographic Research Unit of the Department of Finance (DOF). These data include resident military and civilian populations as of July 1 for each year. This report used 1970-1996 population estimates released in January 1998; 1997-2040 population projections released in December 1998; 1997 population estimates released in June 1999; and 1998 population estimates in May 2000. Note that "estimates" supercede "projections" as more current data becomes available.

The source for state and county population was:

- Estimates of Total Population of California Counties and the State, July 1, 1990 through 1998, Provisional July 1, 1999, Report E-2, February 2000.

The sources for demographic detail of population were:

- 1970-1996 Race/Ethnic Population Estimates for Counties with Age, and Sex Detail, January 1998.
- 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Group, December 1998.
- 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999.
- 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000.

The source of city population was:

- City/County Population Estimates with Annual Percent Change, January 1, 1998 and 1999, Report E-1, May 1999.

LIMITATIONS OF DATA

Limitations of the data must be recognized by users to avoid invalid interpretations. For vital statistics data, these limitations are related to the difficulties in reporting and classifying information and to some under-registration of events. It is especially necessary to exercise caution when evaluating vital statistics trend data, because medical concepts, legal codes, definitions concerning vital statistics events, estimates of the population, race, and methods of assigning causes of death change over time.

Variability of Rates

Vital statistics rates are sensitive to variations in the size of both the numerator (the number of vital events that occurred) and the denominator (the estimated population at risk). For example, in small counties, a variation of only a few cases in the numerator can cause a relatively large shift in a rate, while in a large county, it may cause no change at all. Likewise, a minor revision in the estimate of the population in a small county may cause a relatively major change in a vital rate in that county.

Rates and ratios based on the number of births, instead of the population (for example the infant death rate, which is calculated with the number of births as the denominator) are also subject to variability caused by changes in the size of estimated denominators. In small counties, these rates are just as sensitive to small shifts in the numerator as are rates based on the population, since few births occur in counties with small populations, and the denominator is correspondingly small. The user is cautioned that rates, ratios, or percents based on fewer than 20 observations may be unreliable and are usually subject to significant variability from one year to the next.

On many of the tables in this report, rates or percents which are based on small numbers, typically 5 or fewer events in the numerator and/or a denominator under 1,000, have been omitted from the tables to avoid erroneous conclusions. Please refer to footnotes under each table for methodological details.

Sampling Error and Vital Statistics

The numbers of births and deaths reported for an area in California represent essentially complete counts; as such, they are not subject to sampling error, although they are subject to errors in the registration process. However, when the figures are used for analytic purposes, such as comparison of rates over a time period or for different areas, the number of events that actually occurred may be considered as one of a larger series of possible results that could have arisen under the same circumstances.⁶ The probable range of values may be estimated from the actual figures according to certain statistical assumptions. The problem of random variation of rates is well presented in the Technical Appendix to *"The Vital Statistics of the United States, 1978, Volume I, Natality"* and is repeated here:

"In general, distributions of vital events may be assumed to follow the binomial distribution. Estimates of standard error and tests of significance under this assumption are described in most standard statistics texts. When the number of events is large, the standard error, expressed as a percent of the number or rate, is usually small.

"When the number of events is small (perhaps less than 100) and the probability of such an event is small, considerable caution must be observed in interpreting the conditions described by the figures. Events of rare nature may be assumed to follow a Poisson probability distribution. For this distribution, a simple approximation may be used to estimate the error as follows:

"If N is the number of births and R is the corresponding rate, the chances are 19 in 20 that:

1. The 'true' number of events lies between:

$$N - 2 \sqrt{N} \quad \text{and} \quad N + 2 \sqrt{N}$$

2. The 'true' rate lies between

$$R - 2 \frac{R}{\sqrt{N}} \quad \text{and} \quad R + 2 \frac{R}{\sqrt{N}}$$

"If the rate R corresponding to N events is compared with the rate S corresponding to M events, the difference between the two rates may be regarded as statistically significant if it exceeds:

$$2 \sqrt{\frac{R^2}{N} + \frac{S^2}{M}}$$

"For example, suppose that the observed birth rate for Area A was 15.0 per 1,000 population and that this rate was based on 20 recorded births. Given prevailing conditions, the chances are 19 in 20 that the 'true' or underlying birth rate for that area lies between 8.3 and 21.7 per 1,000 population. Let it be further supposed that the birth rate for Area A of 15.0 per 1,000 population was being compared with a rate of 20.0 per 1,000 population for Area B which is based on 10 recorded births. While the difference between the rates for the two areas is 5.0, this difference is less than twice the standard error of the difference of the two rates, which is computed to be 14.3.

$$2 \sqrt{\frac{(15.0)^2}{20} + \frac{(20.0)^2}{10}}$$

From this, it is concluded that the difference between the rates for the two areas is not statistically significant."⁷

Age-Adjusted Death Rates

Age-adjusted death rates are used to make comparisons of relative mortality risk across groups and over time. These rates show the expected mortality if the age distribution of populations were the same. The age-adjusted rates in this report were calculated using the direct method and the Year 2000 U.S. Standard Million population.⁸

Age-adjusted death rates are better indicators than crude death rates for showing changes in the risk of death over a period of time when the age distribution of the population is changing and between different population groups. Age-adjusted rates are index numbers and cannot be compared to crude or other actual rates.

Time Periods and Geographic Bases

Prior to 1947, births and deaths were tabulated by year of registration. In 1947, births were tabulated by year of occurrence, while deaths were tabulated by year of registration. Beginning in 1948, births, deaths, fetal deaths, marriages, and marriage dissolutions have been tabulated by the calendar year in which the event occurred. From 1949 through 1967, deaths in hospitals, sanitariums, and all other institutions were allocated to the previous residence regardless of the decedent's length of stay in the institution. Since 1968, deaths occurring in hospitals, sanitariums, and other resident institutions have been allocated to the last previous residence, unless the decedent resided in the institution for at least one year. All deaths in penal institutions and mental hospitals are allocated to the previous place of residence regardless of the length of stay in the institution.

Age

The death certificate contains both the age and the date of birth of the decedent. For computer tabulations, the age at death is generated from the difference between the date of birth and the date of death. For infants living less than 24 hours and for other deaths where date of birth is not reported, the stated age is accepted.

Length of Gestation

Length of gestation is calculated for live births and fetal deaths by subtracting the date the last normal menses began from the date of birth after first converting to days. The accuracy of this calculation is contingent upon the mother's recall of her last menstrual period. If only the month and year are given, 15 is used as the day for purposes of this calculation. If a date is not reported, no calculation is made.

Race and Ethnicity

Since 1979, information on the race and ethnicity of the father and mother has been reported voluntarily on the birth certificates. This information was mandatory prior to 1979. Information on race/ethnicity and Hispanic origin is provided during the completion of the certificate, usually by a parent. In the case of death certificates, information may be provided by any of a number of informants, from the next-of-kin or friend to the funeral director. Underreporting for deaths may occur for some race/ethnicity groups, e.g., American Indians, some Asian groups, and Hispanics.

Note: Reliability of mortality data among American Indians, some Asian groups and Hispanics may be questionable due to possible misreporting of race and ethnicity among these groups. It has also been suggested that age-specific mortality from chronic diseases may be underestimated among Hispanics, reflecting possible lack of reporting of death when individuals choose to leave their jurisdiction of residence after onset of illness, but before death. These data should therefore be interpreted with caution.

Race/ethnicity and Hispanic origin are collected as separate items. (See Figure 8-I: Race Identification Work Sheet for the format in which data are obtained from birth and death certificate informants.) Twenty race/ethnicity categories are specified. Hispanic origin is a separate and independent item; therefore, a person may be Hispanic and also be a member of any race category. For example, a mother may classify herself as White or as any other race on her child's birth certificate, and she may also report herself as being of Hispanic origin.

Most tables in this report which present data by race/ethnicity utilize five mutually exclusive race/ethnicity and Hispanic origin categories. These categories are designed to correspond with the categories used by the California Department of Finance, which develops intercensal population estimates for California. These categories are Hispanic, White/Other Races/Non-Hispanic, Black/Non-Hispanic, Asian/Pacific Islander/Non-Hispanic, and American Indian/Non-Hispanic. For purposes of space conservation and alphabetization, these categories are listed in the tables as American Indian, Asian/Pacific Islander, Black, Hispanic, and White/Other. The category "Unknown" is included on tables where counts of events are presented and is combined with White/Other when rates are calculated. Tables using these race/ethnicity categories have shading to highlight these data. Table 4-3 combines American Indian and Asian/Pacific Islander into one category. In some tables (e.g. Table 5-16), American Indian is included in the Total Race category, but not reported separately, due to the small number of events. Refer to the footnotes for each table.

In order to develop the five race/ethnicity categories, all persons of Hispanic origin are assigned to the "Hispanic" category. Persons of any race may be included in this category. Persons who are not of Hispanic origin or for whom the fact of Hispanic origin is unknown are assigned to the other four categories if race/ethnicity is known. Persons for whom neither race/ethnicity nor Hispanic origin information is available are classified as "Unknown." This methodology results, for example, in a person who is American Indian and also Hispanic being categorized as Hispanic, while a person who is American Indian and not Hispanic will be categorized as American Indian.

Rates for American Indian may not be calculated as a separate category due to the small number of events. However, American Indian is always included in the totals.

Tables identified by "race" rather than "race/ethnicity" in the title present births and deaths distributed in 16 categories: American Indian, Black, Cambodian, Chinese, Eskimo/Aleut, Filipino, Indian (India), Japanese, Korean, Laotian, Pacific Islander, Thai, Vietnamese, White, Other Asian, and Other. These categories do not take into account Hispanic origin. Population-based rates are not provided for these categories because population data are not available.

Please refer to the tables of contents at the beginning of each chapter or to the Table Guides at the end of the narratives in Chapter 2 and Chapter 5 to locate tables with race and race/ethnicity data.

Cause of Death

One of the most important uses of vital statistics data is the study of trends in the number and rate of deaths, by cause of death. Vital statistics trend research yields valuable information on the health status of the population that contributes to the evaluation and monitoring of health and medical programs. More importantly, studies of cause-of-death trends help identify emerging public health problems and populations at risk so that strategies can be developed and appropriate resources focused and applied to improve public health.

The interpretation of vital statistics trend data, however, is complicated by technical difficulties that limit the comparability of data over time. Changes in the method of assigning or coding causes of death are perhaps the greatest concern.

Cause-of-death statistics are derived from the medical information reported on the death or fetal death certificate by the attending or certifying physician or coroner. The medical portion of the death and fetal death certificates makes provision for reporting four causes of death (immediate, intervening, and underlying) plus additional information related to contributing causes of death. The cause of death selected for coding and tabulation in this report is the "underlying cause of death". This is generally defined as the disease or injury that initiated the sequence of morbid events leading directly to death.

This report presents data coded according to the *International Classification of Diseases, Tenth Revision (ICD-Rev. 10)*, and the *Instruction Manual, Part 9, ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics, Effective 1999*. For the years 1979-1998, the causes of death were coded using the *International Classification of Diseases, Ninth Revision (ICD-Rev. 9)*.

Under ICD-Rev. 10, this coding system has increased from under 4,000 codes to under 8,000 codes, changing groupings of causes, some titles, as well as coding rules. Therefore, the comparability of causes of death between ICD-Rev. 9 and ICD-Rev. 10 must be considered on analysis of specific causes of death. To assist in the analysis of trends, the number of deaths, death rates and age-adjusted death rates (year 2000 standard million) for 1990-1998 coded under ICD-Rev. 9 are provided in tables in Chapter 7.

Since its inception in 1898, the classification of diseases has been revised approximately every ten years. Each of the decennial revisions has produced some break in the comparability of cause-of-death statistics. These discontinuities have complicated the interpretation of trends in cause-of-death statistics over time. The National Center for Health Statistics has prepared comparability ratios between the *Ninth* and the *Tenth Revisions* for deaths in the United States as a whole.⁹ These comparability ratios for the transition from ICD-Rev.9 to ICD-Rev.10 are available on NCHS web page: www.cdc.gov/nchs/. These ratios are based on the double-coding 1996 death data under ICD-Rev. 9 and ICD-Rev.10. These comparability ratios should be used with caution.

HIV Disease Codes

Beginning in 1987, the National Center for Health Statistics (NCHS) introduced new ICD Codes 042-044 for coding acquired immune deficiency syndrome (AIDS) and human immunodeficiency virus (HIV) infection, formerly referred to as human T-cell lymphotropic virus-III, lymphadenopathy-associated virus (HTLV-III/LAV). In accord with NCHS, California reclassified its HIV mortality data beginning in 1987.

These new codes were established in response to the urgent need of public health officials, clinical researchers, and medical care finance administrators to better identify and monitor the incidence of AIDS and HIV infection.

The codes for deaths classified to HIV infections since 1987 were a subgroup of Infectious and Parasitic Diseases (ICD Codes 001-139) in Table 5-24, "Deaths from Selected Causes". Prior to 1987, deaths involving HIV infection were classified in six causes associated with Acquired Immune Deficiency: ICD Codes 078.5, 117.5, 136.3, 173.9, 279.1, and 279.3. Due to the new classification numbers, cause-of-death data for 1987 and later years are not strictly comparable with data before 1987.

Beginning with this report and the adoption of the Tenth Revision of the International Classification of Diseases, the title of these causes of death is human immunodeficiency virus disease and the codes are B20- B24.

Marital Status

Beginning in 1997, two new pieces of California legislation affected the collection of mother's marital status in conjunction with registration of births. The first was Assembly Bill No. 2680, which required marital status to be collected electronically through the automated vital statistics system (AVSS). Mothers were asked directly whether they were married at any time during the pregnancy. The second new law (Assembly Bill 1832) stipulated that if the parents are not married to each other, the father's name would not be listed on the birth certificate unless the father and the mother sign a voluntary declaration of paternity.

Prior to 1997, for the years 1966-1996, mother's marital status was determined in California by an inferential methodology based primarily on comparison of the surnames of the mother, father, child, and informant as listed on the birth certificate. This inferential methodology itself was revised between 1994 and 1995 to better reflect surname practices among some mothers, primarily those of Hispanic origin.

While the inferred marital status methodology resulted in no missing values in the marital status field, the 1997 "real" marital status field included 16,712 births where the marital status of the mother was unknown. This number dropped to 457 in 1998 and to 336 in 1999. For purposes of this report, births with unknown marital status were included in the denominator when marital and nonmarital births as a percent of all births were calculated. The results may underestimate the true percent of nonmarital births, especially for 1997.

Since it is extremely difficult to distinguish between real changes in data on nonmarital births and changes due to methodological inconsistencies in determination of mothers' marital status, data on trends in nonmarital births should be interpreted with caution. For further information on these methodologies and resultant changes in data, please contact the Vital Statistics Section of the California Department of Health Services.

Confidentiality

The California vital statistics data are available to the public through an extensive set of public use mainframe, diskette, and CD-ROM data files. These data are released in a manner that does not compromise the confidentiality guaranteed to the respondents who supplied the original data. The *Catalog of Data Products and Publications, 2001* provides information for ordering vital statistics data files.

This catalog is available on the internet at:

www.dhs.ca.gov/hisp/chs/OHIR/publicationsindex.htm

or at the address on the Publications Order Form at the back of this publication.

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DEFINITIONS

The following is a glossary of technical terms used in this report:

Place of Occurrence:The place where the event occurred (regardless of place of residence).

Place of Residence:The place where a person lives or maintains legal residency. For live births and fetal deaths, the mother's residence is used.

Births

Childbearing Age:Women 15 through 44 years of age.

Live Birth: The complete expulsion or extraction from its mother of a product of conception (irrespective of the duration of pregnancy) which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. This definition was promulgated by the World Health Organization in 1950 and is set forth in the California Administrative Code, Title 17, Chapter 1, Article 3.

Live Birth Order:The number of live births delivered by this mother including the current birth.

Low Birthweight:A live birth or fetal death weighing less than 2,500 grams (5 pounds, 8 ounces). (Prior to 1979, low birthweight was 2,500 grams or less. This definition complies with a change adopted by the National Center for Health Statistics, beginning with 1979 data.)

Premature: A live birth or fetal death occurring before the 37th week of gestation.

Total Births: Total deliveries: Live births plus fetal deaths.

Deaths

Fetal Death: A death prior to the complete expulsion or extraction from its mother of a product of conception (irrespective of the duration of pregnancy); the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. This definition was promulgated by the World Health Organization in 1950 and is set forth in the California Administrative Code, Title 17, Chapter 1, Article 3. If the fetus is of 20 weeks or more gestational age, the death must be registered with the local registrar.

Infant Death: A death occurring during the first year of life.

Maternal Death:A death resulting from complications of pregnancy or childbirth (ICD Rev. 10 Codes O00-O99).

Neonatal Death:A death occurring during the first 27 days of life.

Perinatal Death:Death of a fetus of at least 20 weeks of gestation or of a child under 28 days of life.

Postneonatal Death:A death occurring between the 28th day and the end of the first year of life.

RATES AND RATIOS

Birth Rates and Ratios

$$\text{Age-Specific Birth Rate} = \frac{\text{number of live births to women in specific age group}}{\text{estimated female population in that age group}} \times 1,000$$

$$\text{General Fertility Rate} = \frac{\text{number of live births}}{\text{estimated female population 15-44 years old}} \times 1,000$$

$$\text{Live Birth Rate (Crude Birth Rate)} = \frac{\text{number of live births}}{\text{estimated total population}} \times 1,000$$

$$\text{Total Fertility Rate} = \text{sum of each age-specific birth rate multiplied by the number of years in each age group (e.g., for 5-year groups, 15-19, 20-24, 40-44, the sum of the birth rates for each age group is multiplied by 5).}$$

Death Rates and Ratios

$$\text{Age-Adjusted Death Rate (Direct Method)} = \frac{\text{total number of expected deaths in a standard population (if the people in this population had experienced the same age-specific death rates as the population being adjusted)}}{\text{total standard population}} \times 100,000$$

$$\text{Age-Specific Death Rate} = \frac{\text{number of deaths in specific age group}}{\text{estimated population in that age group}} \times 100,000$$

$$\text{Death Rate (Crude Death Rate)} = \frac{\text{number of deaths}}{\text{estimated total population}} \times 1,000^*$$

$$\text{Death Rate From a Specific Cause by Sex or Race/Ethnic Group} = \frac{\text{number of deaths from a specific cause}}{\text{estimated total or group population}} \times 100,000$$

$$\text{Fetal Death Ratio} = \frac{\text{number of reportable fetal deaths}}{\text{total number of live births}} \times 1,000$$

$$\text{Infant Mortality Rate} = \frac{\text{number of deaths under 1 year of age}}{\text{total number of live births}} \times 1,000^*$$

$$\text{Maternal death rate} = \frac{\text{number of deaths due to complications of pregnancy and childbirth}}{\text{total number of live births}} \times 10,000$$

$$\text{Neonatal death rate} = \frac{\text{number of deaths under 28 days of age}}{\text{total number of live births}} \times 1,000^*$$

$$\text{Postneonatal death rate} = \frac{\text{number of deaths 28 days of age to less than 1 year of age}}{\text{total number of live births}} \times 1,000^*$$

$$\text{Perinatal death rate} = \frac{\text{number of fetal deaths of 20 or more weeks gestation, plus neonatal deaths}}{\text{total number of births}} \times 1,000$$

* or 100,000 as specified

APPENDIX TABLE A

LEADING CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA, 1990, 1993-1998 (By Place of Residence)

(Causes of death are coded to the **Ninth Revision of the International Classification of Diseases, 1)**

YEAR	ALL CAUSES 001-999	LEADING CAUSES OF DEATH IN CALIFORNIA													ALL OTHER CAUSES Residual
		HEART DISEASE 390-398, 402, 404-429	CANCER 140-208	CEREBRO-VASCULAR DISEASE 430-438	PNEUMONIA & INFLUENZA 480-487	COPD 490-496	ACCIDENTS E800-949	DIABETES 250	CIRRHOISIS 571	SUICIDE E950-959	HOMICIDE E960-969	ALZHEIMER'S DISEASE 331.0	ATHERO-SCLEROSIS 440	HYPERTEN-SION 401, 403	
TOTAL															
1998	225,450	68,946	51,186	16,385	13,316	12,261	8,620	5,796	3,460	3,215	2,265	2,087	1,937	1,687	34,289
1997	223,438	68,273	51,818	16,649	12,286	11,737	8,762	5,611	3,502	3,424	2,780	2,057	1,979	1,552	33,008
1996	222,308	67,676	50,904	16,481	11,134	11,373	9,217	5,380	3,501	3,408	3,007	1,972	1,885	1,470	34,900
1995	222,626	67,990	51,217	16,176	10,548	10,765	9,372	5,096	3,575	3,823	3,623	1,717	1,927	1,376	35,421
1994	222,854	68,312	51,247	15,703	10,237	11,017	9,233	4,918	3,630	3,821	3,630	1,521	1,990	1,269	36,266
1993	220,271	68,603	50,751	15,195	10,508	10,625	9,536	3,831	3,681	3,818	4,206	1,225	1,986	1,079	35,227
1990	213,766	67,425	48,896	15,462	9,686	9,647	10,170	3,378	3,890	3,735	3,703	1,189	2,067	938	33,580
AMERICAN INDIAN															
1998	798	207	149	41	27	34	77	46	36	12	16	1	10	1	141
1997	800	209	154	43	29	22	74	47	44	16	20	2	5	8	127
1996	740	208	129	50	23	33	71	27	33	20	9	3	2	6	126
1995	749	200	101	49	26	33	63	38	34	21	24	2	4	5	149
1994	667	155	115	38	26	21	63	25	38	8	22	1	2	3	150
1993	640	161	102	39	29	25	58	27	40	11	17	2	3	2	124
1990	501	117	82	25	20	15	56	16	37	18	12	1	4	2	96
ASIAN/PACIFIC ISLANDER															
1998	13,591	3,695	3,581	1,323	802	483	530	487	127	220	143	48	60	135	1,957
1997	13,144	3,485	3,424	1,323	698	547	613	463	109	267	172	52	41	109	1,841
1996	12,475	3,265	3,265	1,295	618	479	548	386	130	199	175	29	73	106	1,855
1995	12,037	3,291	3,106	1,185	565	433	543	396	118	227	223	28	48	99	1,775
1994	11,685	3,173	3,061	1,114	530	414	560	302	125	227	195	36	58	82	1,808
1993	10,925	2,928	2,959	1,007	546	360	489	236	113	256	228	26	56	62	1,659
1990	9,017	2,440	2,309	817	386	317	548	195	97	167	151	21	42	38	1,489
BLACK															
1998	17,607	5,411	3,783	1,178	807	651	710	698	210	164	563	85	83	255	3,009
1997	17,480	5,169	3,904	1,240	653	607	701	676	213	148	717	93	98	207	3,054
1996	17,925	5,089	3,808	1,219	616	585	792	701	222	154	805	81	105	222	3,526
1995	18,011	5,056	3,755	1,247	565	504	846	600	218	205	954	76	108	183	3,694
1994	18,279	5,119	3,709	1,238	581	519	821	625	238	168	1,144	79	100	200	3,738
1993	18,246	5,270	3,743	1,197	601	471	852	481	250	204	1,280	48	110	139	3,600
1990	17,324	5,205	3,623	1,164	485	468	850	435	317	148	1,083	47	110	151	3,238
HISPANIC															
1998	26,979	6,481	5,293	1,685	1,156	674	2,095	1,334	987	422	970	107	149	183	5,443
1997	26,470	6,295	5,191	1,646	1,152	624	2,104	1,260	944	437	1,180	103	159	171	5,204
1996	26,128	5,963	4,852	1,588	972	531	2,331	1,115	954	460	1,295	91	125	146	5,705
1995	25,901	5,769	4,640	1,453	892	499	2,352	1,085	916	503	1,613	92	140	131	5,816
1994	24,903	5,582	4,346	1,318	828	507	2,274	970	930	462	1,602	50	112	110	5,812
1993	24,906	5,653	4,370	1,325	940	548	2,504	757	897	473	1,656	44	139	86	5,514
1990	22,405	5,049	3,809	1,191	730	433	2,607	626	817	403	1,479	41	120	84	5,016
WHITE/OTHER RACES															
1998	166,475	53,133	38,375	12,156	10,522	10,417	5,202	3,228	2,096	2,396	568	1,846	1,635	1,113	23,788
1997	165,448	53,103	39,138	12,393	9,751	9,933	5,254	3,164	2,189	2,555	682	1,807	1,676	1,056	22,747
1996	164,929	53,083	38,843	12,326	8,901	9,742	5,468	3,151	2,159	2,574	718	1,768	1,580	990	23,626
1995	165,793	53,654	39,593	12,237	8,496	9,291	5,564	2,977	2,282	2,865	807	1,518	1,627	958	23,924
1994	167,253	54,271	40,011	11,994	8,269	9,552	5,511	2,996	2,298	2,824	851	1,355	1,717	873	24,731
1993	165,470	54,577	39,572	11,624	8,388	9,218	5,626	2,330	2,379	2,873	1,020	1,105	1,678	790	24,290
1990	164,391	54,591	39,055	12,256	8,061	8,408	6,094	2,104	2,615	2,999	974	1,079	1,791	663	23,701
UNKNOWN															
1998	98	19	5	2	2	2	6	3	4	1	5	-	-	-	49
1997	96	12	7	4	3	4	16	1	3	1	9	-	-	1	35
1996	111	16	7	3	4	3	7	-	3	1	5	-	-	-	62
1995	135	20	22	5	4	5	4	-	7	2	2	1	-	-	63
1994	67	12	5	1	3	4	4	-	1	1	7	-	1	1	27
1993	84	14	5	3	4	3	7	-	2	1	5	-	-	-	40
1990	128	23	18	9	4	6	15	2	7	-	4	-	-	-	40

- Represents zero events.

Note: American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Unknown includes Not Stated.
Source: State of California, Department of Health Services, Death Records.

APPENDIX TABLE B

SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH BY SEX AND RACE/ETHNICITY, CALIFORNIA, 1990, 1993-1998 (By Place of Residence)

(Causes of death are coded to the **Ninth Revision of the International Classification of Diseases, 1**)

YEAR	SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH IN CALIFORNIA																
	MALE DEATHS										FEMALE DEATHS						
	CANCER			HEART DISEASE			ACCIDENTS		SUICIDE BY FIREARMS/EXPLOSIVES E955	HOMICIDE BY FIREARMS/EXPLOSIVES E965	CANCER				HEART DISEASE		ACCIDENTS BY MOTOR VEHICLE E810-825
	COLON 153	LUNG 162	PROSTATE 185	HYPERTENSIVE HEART 402, 404	ISCHEMIC HEART 410-414	CARDIO-MYOPATHY 425	MOTOR VEHICLE E810-825	POISONINGS E850-869			COLON 153	LUNG 162	BREAST 174	FEMALE GENITALS 183-184	HYPERTENSIVE HEART 402, 404	ISCHEMIC HEART 410-414	
	TOTAL																
1998	2,104	7,491	2,950	1,587	23,373	2,003	2,420	1,313	1,442	1,339	2,074	6,018	4,095	1,484	2,190	22,818	1,144
1997	2,079	7,616	3,117	1,510	22,835	1,874	2,452	1,342	1,467	1,709	2,180	6,147	4,090	1,507	2,073	22,860	1,203
1996	2,081	7,592	3,179	1,430	22,960	1,841	2,827	1,485	1,510	1,901	2,128	5,991	4,295	1,416	1,968	22,796	1,316
1995	2,149	7,639	3,191	1,449	22,926	1,918	2,948	1,539	1,623	2,367	2,061	6,037	4,241	1,515	1,878	23,170	1,367
1994	2,066	7,758	3,321	1,326	23,200	1,720	2,977	1,391	1,665	2,588	2,222	5,938	4,404	1,542	1,915	23,192	1,384
1993	2,036	7,771	3,360	1,247	23,214	1,914	3,031	1,600	1,771	2,734	2,132	5,891	4,310	1,430	1,606	22,818	1,255
1990	2,159	7,918	2,999	1,154	23,294	1,760	3,849	1,035	1,757	2,180	2,133	5,367	4,293	1,422	1,556	22,990	1,540
	AMERICAN INDIAN																
1998	4	30	9	5	67	8	27	11	8	6	6	17	11	3	5	69	11
1997	7	27	9	3	68	16	22	16	7	10	10	17	15	6	8	69	11
1996	6	24	5	5	66	7	29	16	3	6	2	18	9	1	10	67	7
1995	2	14	3	6	61	13	19	17	6	18	2	9	14	-	8	55	12
1994	3	22	3	4	50	5	16	9	4	10	6	19	10	3	8	56	9
1993	4	15	6	5	62	8	16	11	3	9	3	8	5	1	3	41	9
1990	4	9	2	5	47	6	21	5	8	9	8	10	6	4	2	27	8
	ASIAN/PACIFIC ISLANDER																
1998	179	496	111	113	1,482	118	175	19	61	84	154	283	255	74	128	1,055	121
1997	141	480	113	120	1,355	101	198	16	79	101	151	285	220	81	118	992	144
1996	158	469	114	109	1,317	97	190	19	56	104	153	244	198	85	102	908	141
1995	143	421	120	102	1,321	84	201	26	70	140	118	266	222	65	111	898	132
1994	135	463	95	100	1,237	83	214	15	68	124	127	218	209	72	101	881	132
1993	135	434	124	78	1,208	84	174	17	74	147	110	229	177	65	80	749	108
1990	113	331	96	58	971	70	223	20	58	92	89	155	162	57	59	685	133
	BLACK																
1998	163	621	304	273	1,459	266	169	154	71	371	186	398	337	78	333	1,565	85
1997	153	674	340	285	1,341	220	175	171	72	499	181	415	349	90	315	1,520	65
1996	151	637	321	269	1,293	242	217	173	74	556	182	366	353	72	297	1,531	95
1995	173	642	336	244	1,302	246	231	195	86	666	150	396	348	59	293	1,527	93
1994	159	623	329	226	1,385	204	248	169	82	854	181	380	337	71	329	1,502	90
1993	151	684	332	260	1,362	254	263	179	95	913	175	320	308	63	233	1,542	92
1990	157	619	311	241	1,296	261	278	123	72	720	177	349	330	65	253	1,531	100
	HISPANIC																
1998	219	548	291	146	2,167	249	794	354	202	660	157	284	436	177	184	2,046	290
1997	178	527	260	142	2,091	253	801	342	192	803	172	325	429	142	180	2,009	290
1996	185	493	266	130	2,053	248	935	416	212	936	158	290	425	146	139	1,900	336
1995	165	494	261	138	1,956	244	980	406	235	1,181	150	262	367	124	142	1,787	356
1994	161	464	266	130	1,865	215	987	373	230	1,205	148	244	377	141	137	1,717	337
1993	150	467	243	101	1,918	213	1,048	490	232	1,187	136	246	379	143	124	1,720	307
1990	154	426	181	82	1,763	166	1,266	301	190	949	129	201	343	129	105	1,535	352
	WHITE/OTHER RACES																
1998	1,539	5,793	2,235	1,048	18,194	1,362	1,255	775	1,100	218	1,571	5,036	3,056	1,152	1,538	18,081	637
1997	1,599	5,906	2,395	957	17,978	1,283	1,254	794	1,116	292	1,665	5,105	3,077	1,188	1,452	18,266	693
1996	1,581	5,968	2,472	917	18,225	1,247	1,456	860	1,165	297	1,633	5,073	3,310	1,112	1,420	18,383	736
1995	1,665	6,063	2,469	957	18,279	1,331	1,515	895	1,225	361	1,639	5,102	3,288	1,267	1,324	18,901	774
1994	1,608	6,186	2,628	866	18,658	1,213	1,512	825	1,280	395	1,758	5,077	3,470	1,255	1,339	19,032	816
1993	1,596	6,170	2,655	803	18,656	1,355	1,529	902	1,366	476	1,708	5,088	3,440	1,166	1,166	18,763	739
1990	1,728	6,532	2,408	768	19,207	1,255	2,055	585	1,429	410	1,730	4,649	3,451	1,167	1,136	19,205	947

- Represents zero events.

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Total includes Race Not Stated and Unknown.

Source: State of California, Department of Health Services, Death Records.

APPENDIX TABLE C

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 16 LEADING CAUSES OF DEATH BY SEX, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the **Ninth Revision of the International Classification of Diseases, 10th** rates are per 100,000 population in specified groups; age adjusted rates are per 100,000 **Year 2000 U.S. standard population**)

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	673.1	676.6	669.6	1998	790.6	951.2	667.0
		1997	223,438	113,026	110,412	1997	678.0	684.0	671.9	1997	802.5	970.2	674.8
		1996	222,308	113,873	108,435	1996	686.5	701.7	671.2	1996	820.1	1000.1	681.8
		1995	222,626	116,199	106,427	1995	694.3	723.4	665.2	1995	839.9	1037.6	686.6
		1994	222,854	116,504	106,350	1994	701.0	731.8	670.2	1994	857.2	1061.4	700.3
		1993	220,271	115,824	104,447	1993	698.9	733.9	663.8	1993	860.9	1069.7	700.1
		1992	214,586	113,273	101,313	1992	688.1	725.3	650.7	1992	853.5	1062.5	692.4
		1991	214,220	113,107	101,113	1991	700.9	739.2	662.5	1991	875.4	1092.4	709.9
		1990	213,766	112,736	101,030	1990	713.9	752.1	675.7	1990	898.7	1120.6	730.0
ACQUIRED IMMUNE DEFICIENCY SYNDROME	042-044	1998	1,432	1,233	199	1998	4.3	7.3	1.2	1998	4.3	7.3	1.2
		1997	1,857	1,640	217	1997	5.6	9.9	1.3	1997	5.6	9.8	1.3
		1996	4,207	3,838	369	1996	13.0	23.7	2.3	1996	12.9	23.4	2.3
		1995	6,450	5,962	488	1995	20.1	37.1	3.1	1995	20.1	36.8	3.0
		1994	6,739	6,261	478	1994	21.2	39.3	3.0	1994	21.2	39.2	3.0
		1993	6,287	5,901	386	1993	19.9	37.4	2.5	1993	20.0	37.3	2.4
		1992	5,996	5,685	311	1992	19.2	36.4	2.0	1992	19.4	36.6	2.0
		1991	5,533	5,316	217	1991	18.1	34.7	1.4	1991	18.5	35.4	1.4
		1990	5,041	4,832	209	1990	16.8	32.2	1.4	1990	17.1	32.8	1.3
MALIGNANT NEOPLASMS	140-208	1998	51,186	26,287	24,899	1998	152.8	156.5	149.1	1998	178.0	215.2	153.3
		1997	51,818	26,571	25,247	1997	157.2	160.8	153.6	1997	184.5	224.3	158.9
		1996	50,904	25,930	24,974	1996	157.2	159.8	154.6	1996	186.0	225.8	160.9
		1995	51,217	26,365	24,852	1995	159.7	164.1	155.3	1995	191.4	235.3	163.6
		1994	51,247	26,103	25,144	1994	161.2	164.0	158.4	1994	195.0	237.4	168.4
		1993	50,751	26,022	24,729	1993	161.0	164.9	157.2	1993	196.1	240.2	168.3
		1992	49,903	25,662	24,241	1992	160.0	164.3	155.7	1992	196.1	241.2	167.6
		1991	50,001	25,686	24,315	1991	163.6	167.9	159.3	1991	201.4	248.0	172.4
		1990	48,896	25,318	23,578	1990	163.3	168.9	157.7	1990	202.1	251.8	171.4
DIABETES	250	1998	5,796	2,842	2,954	1998	17.3	16.9	17.7	1998	20.3	23.2	18.0
		1997	5,611	2,667	2,944	1997	17.0	16.1	17.9	1997	20.1	22.5	18.4
		1996	5,380	2,564	2,816	1996	16.6	15.8	17.4	1996	19.8	22.2	18.0
		1995	5,096	2,385	2,711	1995	15.9	14.8	16.9	1995	19.2	21.2	17.7
		1994	4,918	2,256	2,662	1994	15.5	14.2	16.8	1994	18.9	20.6	17.7
		1993	3,831	1,776	2,055	1993	12.2	11.3	13.1	1993	14.9	16.3	13.9
		1992	3,559	1,608	1,951	1992	11.4	10.3	12.5	1992	14.1	15.1	13.4
		1991	3,308	1,504	1,804	1991	10.8	9.8	11.8	1991	13.5	14.6	12.8
		1990	3,378	1,467	1,911	1990	11.3	9.8	12.8	1990	14.2	14.7	13.8
ALZHEIMER'S DISEASE	331.0	1998	2,087	684	1,403	1998	6.2	4.1	8.4	1998	7.7	6.9	8.1
		1997	2,057	684	1,373	1997	6.2	4.1	8.4	1997	7.9	7.2	8.2
		1996	1,972	661	1,311	1996	6.1	4.1	8.1	1996	7.8	7.3	8.1
		1995	1,717	604	1,113	1995	5.4	3.8	7.0	1995	7.1	6.8	7.1
		1994	1,521	571	950	1994	4.8	3.6	6.0	1994	6.4	6.7	6.3
		1993	1,225	417	808	1993	3.9	2.6	5.1	1993	5.3	4.9	5.4
		1992	1,185	422	763	1992	3.8	2.7	4.9	1992	5.3	5.2	5.3
		1991	1,116	431	685	1991	3.7	2.8	4.5	1991	5.1	5.5	4.9
		1990	1,189	414	775	1990	4.0	2.8	5.2	1990	5.6	5.3	5.7
HEART DISEASE	390-398, 402 404-429	1998	68,946	34,225	34,721	1998	205.8	203.8	207.9	1998	247.9	304.7	204.2
		1997	68,273	33,753	34,520	1997	207.2	204.3	210.1	1997	252.3	309.3	208.4
		1996	67,676	33,502	34,174	1996	209.0	206.4	211.5	1996	258.9	318.3	213.1
		1995	67,990	33,575	34,415	1995	212.1	209.0	215.1	1995	268.2	329.8	221.2
		1994	68,312	33,816	34,496	1994	214.9	212.4	217.4	1994	276.1	340.7	227.3
		1993	68,603	34,155	34,448	1993	217.7	216.4	218.9	1993	282.9	351.1	231.9
		1992	66,668	33,320	33,348	1992	213.8	213.4	214.2	1992	280.3	346.7	229.7
		1991	67,140	33,671	33,469	1991	219.7	220.1	219.3	1991	291.1	361.8	237.5
		1990	67,425	33,742	33,683	1990	225.2	225.1	225.3	1990	301.1	373.5	246.4
HYPERTENSION	401, 403	1998	1,687	698	989	1998	5.0	4.2	5.9	1998	6.1	6.4	5.8
		1997	1,552	646	906	1997	4.7	3.9	5.5	1997	5.7	6.0	5.5
		1996	1,470	622	848	1996	4.5	3.8	5.2	1996	5.7	6.2	5.3
		1995	1,376	561	815	1995	4.3	3.5	5.1	1995	5.4	5.6	5.2

APPENDIX TABLE C

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 16 LEADING CAUSES OF DEATH BY SEX, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the **Ninth Revision of the International Classification of Diseases, 10th** rates are per 100,000 population in specified groups; age adjusted rates are per 100,000 **Year 2000 U.S. standard population**)

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
		1994	1,269	504	765	1994	4.0	3.2	4.8	1994	5.2	5.4	5.0
		1993	1,079	396	683	1993	3.4	2.5	4.3	1993	4.5	4.3	4.6
		1992	1,086	441	645	1992	3.5	2.8	4.1	1992	4.6	4.8	4.5
		1991	983	393	590	1991	3.2	2.6	3.9	1991	4.3	4.4	4.2
		1990	938	392	546	1990	3.1	2.6	3.7	1990	4.2	4.6	4.0
CEREBROVASCULAR DISEASE	430-438	1998	16,385	6,556	9,829	1998	48.9	39.0	58.9	1998	59.2	59.9	57.8
		1997	16,649	6,706	9,943	1997	50.5	40.6	60.5	1997	61.9	63.5	60.0
		1996	16,481	6,593	9,888	1996	50.9	40.6	61.2	1996	63.5	65.0	61.7
		1995	16,176	6,551	9,625	1995	50.5	40.8	60.2	1995	64.4	66.7	62.0
		1994	15,703	6,282	9,421	1994	49.4	39.5	59.4	1994	64.3	66.7	62.2
		1993	15,195	6,132	9,063	1993	48.2	38.9	57.6	1993	63.4	65.5	61.1
		1992	15,111	6,020	9,091	1992	48.5	38.5	58.4	1992	64.6	66.1	62.8
		1991	15,350	6,163	9,187	1991	50.2	40.3	60.2	1991	67.8	70.1	65.4
		1990	15,462	6,029	9,433	1990	51.6	40.2	63.1	1990	70.6	70.9	69.3
		ATHEROSCLEROSIS	440	1998	1,937	730	1,207	1998	5.8	4.3	7.2	1998	7.2
1997	1,979			769	1,210	1997	6.0	4.7	7.4	1997	7.5	7.9	7.2
1996	1,885			716	1,169	1996	5.8	4.4	7.2	1996	7.5	7.7	7.2
1995	1,927			738	1,189	1995	6.0	4.6	7.4	1995	7.9	8.3	7.6
1994	1,990			727	1,263	1994	6.3	4.6	8.0	1994	8.5	8.6	8.3
1993	1,986			739	1,247	1993	6.3	4.7	7.9	1993	8.7	8.8	8.4
1992	2,023			760	1,263	1992	6.5	4.9	8.1	1992	9.1	9.4	8.7
1991	2,020			801	1,219	1991	6.6	5.2	8.0	1991	9.3	10.3	8.7
1990	2,067			768	1,299	1990	6.9	5.1	8.7	1990	9.9	10.2	9.6
AORTIC ANEURYSMS	441			1998	1,535	994	541	1998	4.6	5.9	3.2	1998	5.4
		1997	1,493	944	549	1997	4.5	5.7	3.3	1997	5.4	8.3	3.4
		1996	1,480	936	544	1996	4.6	5.8	3.4	1996	5.5	8.6	3.4
		1995	1,447	948	499	1995	4.5	5.9	3.1	1995	5.5	8.8	3.2
		1994	1,482	939	543	1994	4.7	5.9	3.4	1994	5.8	9.2	3.6
		1993	1,502	968	534	1993	4.8	6.1	3.4	1993	5.9	9.3	3.6
		1992	1,594	1,056	538	1992	5.1	6.8	3.5	1992	6.4	10.4	3.7
		1991	1,643	1,059	584	1991	5.4	6.9	3.8	1991	6.8	10.8	4.1
		1990	1,633	1,114	519	1990	5.5	7.4	3.5	1990	7.0	11.7	3.8
		PNEUMONIA & INFLUENZA	480-487	1998	13,316	5,942	7,374	1998	39.8	35.4	44.2	1998	48.7
1997	12,286			5,534	6,752	1997	37.3	33.5	41.1	1997	46.2	55.5	40.3
1996	11,134			5,009	6,125	1996	34.4	30.9	37.9	1996	43.4	52.5	37.9
1995	10,548			4,726	5,822	1995	32.9	29.4	36.4	1995	42.6	51.4	37.2
1994	10,237			4,679	5,558	1994	32.2	29.4	35.0	1994	42.4	52.4	36.5
1993	10,508			4,865	5,643	1993	33.3	30.8	35.9	1993	44.3	55.0	37.8
1992	9,793			4,515	5,278	1992	31.4	28.9	33.9	1992	42.5	53.1	36.3
1991	9,725			4,464	5,261	1991	31.8	29.2	34.5	1991	43.7	54.6	37.3
1990	9,686			4,333	5,353	1990	32.3	28.9	35.8	1990	45.0	54.2	39.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	490-496			1998	12,261	5,882	6,379	1998	36.6	35.0	38.2	1998	43.7
		1997	11,737	5,657	6,080	1997	35.6	34.2	37.0	1997	42.9	51.9	37.5
		1996	11,373	5,515	5,858	1996	35.1	34.0	36.3	1996	42.7	52.4	37.1
		1995	10,765	5,290	5,475	1995	33.6	32.9	34.2	1995	41.5	51.6	35.5
		1994	11,017	5,457	5,560	1994	34.7	34.3	35.0	1994	43.2	54.0	36.7
		1993	10,625	5,326	5,299	1993	33.7	33.7	33.7	1993	42.3	53.9	35.5
		1992	10,040	5,142	4,898	1992	32.2	32.9	31.5	1992	40.7	52.7	33.5
		1991	9,703	4,942	4,761	1991	31.7	32.3	31.2	1991	40.2	52.2	33.3
		1990	9,647	5,081	4,566	1990	32.2	33.9	30.5	1990	41.3	55.9	32.8
		CHRONIC LIVER DISEASE AND CIRRHOSIS	571	1998	3,460	2,349	1,111	1998	10.3	14.0	6.7	1998	11.4
1997	3,502			2,304	1,198	1997	10.6	13.9	7.3	1997	11.9	16.6	7.7
1996	3,501			2,324	1,177	1996	10.8	14.3	7.3	1996	12.2	17.2	7.7
1995	3,575			2,372	1,203	1995	11.2	14.8	7.5	1995	12.7	17.9	8.1
1994	3,630			2,451	1,179	1994	11.4	15.4	7.4	1994	13.1	18.8	8.0
1993	3,681			2,436	1,245	1993	11.7	15.4	7.9	1993	13.5	19.1	8.6
1992	3,737			2,517	1,220	1992	12.0	16.1	7.8	1992	14.0	20.0	8.6
1991	3,728			2,424	1,304	1991	12.2	15.8	8.5	1991	14.3	19.8	9.3

APPENDIX TABLE C

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 16 LEADING CAUSES OF DEATH BY SEX, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the **Ninth Revision of the International Classification of Diseases, 10**; rates are per 100,000 population in specified groups; age adjusted rates are per 100,000 **Year 2000 U.S. standard population**.)

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
NEPHRITIS	580-589	1990	3,890	2,613	1,277	1990	13.0	17.4	8.5	1990	15.2	21.8	9.3
		1998	1,285	631	654	1998	3.8	3.8	3.9	1998	4.6	5.6	3.9
		1997	1,275	600	675	1997	3.9	3.6	4.1	1997	4.6	5.6	4.1
		1996	1,175	571	604	1996	3.6	3.5	3.7	1996	4.4	5.6	3.8
		1995	1,147	610	537	1995	3.6	3.8	3.4	1995	4.4	6.0	3.5
		1994	1,193	579	614	1994	3.8	3.6	3.9	1994	4.7	5.9	4.0
		1993	1,523	725	798	1993	4.8	4.6	5.1	1993	6.1	7.4	5.3
		1992	1,476	713	763	1992	4.7	4.6	4.9	1992	6.0	7.5	5.2
		1991	1,458	737	721	1991	4.8	4.8	4.7	1991	6.1	8.1	5.1
		1990	1,520	759	761	1990	5.1	5.1	5.1	1990	6.6	8.6	5.5
ACCIDENTS	E800-E949	1998	8,620	5,918	2,702	1998	25.7	35.2	16.2	1998	27.1	38.8	16.3
		1997	8,762	5,960	2,802	1997	26.6	36.1	17.1	1997	28.0	39.5	17.2
		1996	9,217	6,349	2,868	1996	28.5	39.1	17.8	1996	29.9	42.5	17.9
		1995	9,372	6,525	2,847	1995	29.2	40.6	17.8	1995	30.6	43.7	18.1
		1994	9,233	6,421	2,812	1994	29.0	40.3	17.7	1994	30.4	43.6	18.0
		1993	9,536	6,819	2,717	1993	30.3	43.2	17.3	1993	31.4	46.2	17.6
		1992	9,251	6,526	2,725	1992	29.7	41.8	17.5	1992	30.8	44.3	17.9
		1991	9,420	6,622	2,798	1991	30.8	43.3	18.3	1991	31.9	45.7	18.7
		1990	10,170	7,218	2,952	1990	34.0	48.2	19.7	1990	34.8	50.1	20.2
		SUICIDE	E950-E959	1998	3,215	2,519	696	1998	9.6	15.0	4.2	1998	10.1
1997	3,424			2,651	773	1997	10.4	16.0	4.7	1997	10.9	17.8	4.8
1996	3,408			2,663	745	1996	10.5	16.4	4.6	1996	11.0	18.1	4.8
1995	3,823			2,999	824	1995	11.9	18.7	5.2	1995	12.6	20.6	5.3
1994	3,690			2,872	818	1994	11.6	18.0	5.2	1994	12.2	19.9	5.4
1993	3,818			3,000	818	1993	12.1	19.0	5.2	1993	12.8	21.2	5.4
1992	3,700			2,800	900	1992	11.9	17.9	5.8	1992	12.7	20.1	6.1
1991	3,765			2,919	846	1991	12.3	19.1	5.5	1991	13.1	21.4	5.9
1990	3,735			2,872	863	1990	12.5	19.2	5.8	1990	13.2	21.5	5.9
HOMICIDE	E960-E969			1998	2,265	1,844	421	1998	6.8	11.0	2.5	1998	6.7
		1997	2,780	2,305	475	1997	8.4	13.9	2.9	1997	8.3	13.5	2.9
		1996	3,007	2,498	509	1996	9.3	15.4	3.2	1996	9.1	14.8	3.1
		1995	3,623	2,998	625	1995	11.3	18.7	3.9	1995	11.0	17.7	3.9
		1994	3,821	3,236	585	1994	12.0	20.3	3.7	1994	11.5	19.0	3.6
		1993	4,206	3,466	740	1993	13.3	22.0	4.7	1993	12.7	20.4	4.5
		1992	4,092	3,411	681	1992	13.1	21.8	4.4	1992	12.4	20.2	4.2
		1991	4,071	3,336	735	1991	13.3	21.8	4.8	1991	12.3	19.6	4.6
		1990	3,703	3,044	659	1990	12.4	20.3	4.4	1990	11.3	18.0	4.2

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 Estimates by Age, Sex, and Race/Ethnic Group, May 2000.

APPENDIX TABLE I

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 18 MAJOR CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the **Ninth Revision of the International Classification of Diseases, 10** rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS						DEATH RATES						AGE-ADJUSTED DEATH RATES								
		YEAR	TOTAL	ASIAN/ PACIFIC ISL		BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL		BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL		BLACK	HISPANIC	WHITE
ALL CAUSES	000-999	1998	225,450	13,591	17,607	26,979	166,475	1998	673.1	364.8	749.0	271.4	963.3	1998	790.6	523.3	1097.2	558.6	842.1			
		1997	223,438	13,144	17,480	26,470	165,544	1997	678.0	366.2	755.1	274.6	961.6	1997	802.5	531.0	1105.7	563.9	853.4			
		1996	222,308	12,475	17,925	26,128	165,040	1996	686.5	361.3	787.8	280.0	963.4	1996	820.1	547.5	1107.8	580.1	864.7			
		1995	222,626	12,037	18,011	25,901	165,928	1995	694.3	360.6	800.3	284.6	965.8	1995	839.9	570.1	1193.9	591.4	883.0			
		1994	222,854	11,685	18,279	24,903	167,320	1994	701.0	361.0	818.6	280.3	970.2	1994	857.2	583.5	1230.0	588.7	900.1			
		1993	220,271	10,925	18,246	24,906	165,554	1993	698.9	348.9	824.0	287.7	955.8	1993	860.9	582.1	1237.9	615.7	897.0			
		1992	214,586	10,358	17,666	23,750	162,239	1992	688.1	343.1	805.8	282.0	934.4	1992	853.5	593.0	1216.4	609.7	886.0			
		1991	214,220	9,862	17,558	22,903	163,347	1991	700.9	342.4	817.5	282.8	947.0	1991	875.4	611.8	1244.1	629.6	907.5			
		1990	213,766	9,017	17,324	22,405	164,519	1990	713.9	328.4	822.9	288.2	960.3	1990	898.7	614.7	1262.4	653.0	931.1			
ACQUIRED IMMUNE DEFICIENCY SYNDROME	042-044	1998	1,432	31	316	345	733	1998	4.3	0.8	13.4	3.5	4.2	1998	4.3	0.8	13.9	4.0	3.9			
		1997	1,857	33	426	441	952	1997	5.6	0.9	18.4	4.6	5.5	1997	5.6	0.9	19.0	5.2	5.2			
		1996	4,207	103	854	949	2,288	1996	13.0	3.0	37.5	10.2	13.4	1996	12.9	2.9	39.0	11.3	12.5			
		1995	6,450	131	1,150	1,308	3,829	1995	20.1	3.9	51.1	14.4	22.3	1995	20.1	3.9	52.9	16.3	20.9			
		1994	6,739	156	1,145	1,268	4,147	1994	21.2	4.8	51.3	14.3	24.0	1994	21.2	4.7	53.2	16.2	22.7			
		1993	6,287	106	986	1,117	4,056	1993	19.9	3.4	44.5	12.9	23.4	1993	20.0	3.4	45.3	14.5	22.2			
		1992	5,996	99	914	1,009	3,964	1992	19.2	3.3	41.7	12.0	22.8	1992	19.4	3.3	42.6	13.7	21.7			
		1991	5,533	98	721	884	3,811	1991	18.1	3.4	33.6	10.9	22.1	1991	18.5	3.5	34.5	13.1	21.1			
		1990	5,041	86	610	759	3,571	1990	16.8	3.1	29.0	9.8	20.8	1990	17.1	3.2	29.6	11.6	19.9			
MALIGNANT NEOPLASMS	140-208	1998	51,186	3,581	3,783	5,293	38,380	1998	152.8	96.1	160.9	53.3	222.1	1998	178.0	129.4	236.2	115.3	193.3			
		1997	51,818	3,424	3,904	5,191	39,145	1997	157.2	95.4	168.6	53.9	227.4	1997	184.5	131.2	249.7	118.4	200.1			
		1996	50,904	3,265	3,808	4,852	38,850	1996	157.2	94.6	167.4	52.0	226.8	1996	186.0	134.8	254.4	117.7	200.8			
		1995	51,217	3,106	3,755	4,640	39,615	1995	159.7	93.0	166.9	51.0	230.6	1995	191.4	137.4	258.3	119.2	207.2			
		1994	51,247	3,061	3,709	4,346	40,016	1994	161.2	94.6	166.1	48.9	232.0	1994	195.0	142.6	259.9	116.5	211.0			
		1993	50,751	2,959	3,743	4,370	39,577	1993	161.0	94.5	169.0	50.5	228.5	1993	196.1	146.7	267.8	123.9	209.8			
		1992	49,903	2,660	3,730	4,271	39,134	1992	160.0	88.1	170.1	50.7	225.4	1992	196.1	140.8	270.8	125.8	208.8			
		1991	50,001	2,542	3,727	4,002	39,629	1991	163.6	88.2	173.5	49.4	229.7	1991	201.4	144.6	275.9	125.8	215.1			
		1990	48,896	2,309	3,623	3,809	39,073	1990	163.3	84.1	172.1	49.0	228.1	1990	202.1	143.7	276.4	128.0	215.4			
DIABETES	250	1998	5,796	487	698	1,334	3,231	1998	17.3	13.1	29.7	13.4	18.7	1998	20.3	19.1	45.0	31.6	16.2			
		1997	5,611	463	676	1,260	3,165	1997	17.0	12.9	29.2	13.1	18.4	1997	20.1	19.3	43.7	30.5	16.1			
		1996	5,380	386	701	1,115	3,151	1996	16.6	11.2	30.8	11.9	18.4	1996	19.8	16.9	48.8	29.0	16.3			
		1995	5,096	396	600	1,085	2,977	1995	15.9	11.9	26.7	11.9	17.3	1995	19.2	19.0	42.1	30.3	15.6			
		1994	4,918	302	625	970	2,996	1994	15.5	9.3	28.0	10.9	17.4	1994	18.9	16.1	44.8	27.9	15.9			
		1993	3,831	236	481	757	2,330	1993	12.2	7.5	21.7	8.7	13.5	1993	14.9	13.3	34.5	22.6	12.4			
		1992	3,559	241	420	689	2,189	1992	11.4	8.0	19.2	8.2	12.6	1992	14.1	15.0	31.2	21.8	11.8			
		1991	3,308	185	426	607	2,071	1991	10.8	6.4	19.8	7.5	12.0	1991	13.5	11.6	32.0	20.8	11.3			
		1990	3,378	195	435	626	2,106	1990	11.3	7.1	20.7	8.1	12.3	1990	14.2	14.2	33.3	23.6	11.7			
ALZHEIMER'S DISEASE	331.0	1998	2,087	48	85	107	1,846	1998	6.2	1.3	3.6	1.1	10.7	1998	7.7	2.2	6.8	3.1	9.2			
		1997	2,057	52	93	103	1,807	1997	6.2	1.4	4.0	1.1	10.5	1997	7.9	2.5	7.5	3.1	9.2			
		1996	1,972	29	81	91	1,768	1996	6.1	0.8	3.6	1.0	10.3	1996	7.8	1.5	6.9	3.0	9.3			
		1995	1,717	28	76	92	1,519	1995	5.4	0.8	3.4	1.0	8.8	1995	7.1	1.6	6.7	3.3	8.1			
		1994	1,521	36	79	50	1,355	1994	4.8	1.1	3.5	0.6	7.9	1994	6.4	2.2	7.3	1.9	7.3			
		1993	1,225	26	48	44	1,105	1993	3.9	0.8	2.2	0.5	6.4	1993	5.3	1.8	4.4	1.9	6.1			
		1992	1,185	15	52	42	1,075	1992	3.8	0.5	2.4	0.5	6.2	1992	5.3	1.1	5.1	1.8	6.0			
		1991	1,116	8	46	31	1,031	1991	3.7	0.3	2.1	0.4	6.0	1991	5.1	0.7	4.5	1.5	5.9			
		1990	1,189	21	47	41	1,079	1990	4.0	0.8	2.2	0.5	6.3	1990	5.6	2.2	4.5	2.0	6.3			
HEART DISEASE	390-398,402 404-429	1998	68,946	3,695	5,411	6,481	53,152	1998	205.8	99.2	230.2	65.2	307.6	1998	247.9	152.3	362.5	164.3	266.3			
		1997	68,273	3,485	5,169	6,295	53,115	1997	207.2	97.1	223.3	65.3	308.5	1997	252.3	151.5	355.4	165.4	271.9			
		1996	67,676	3,317	5,089	5,963	53,099	1996	209.0	96.1	223.7	63.9	309.9	1996	258.9	158.6	369.9	170.6	276.9			
		1995	67,990	3,291	5,056	5,769	53,674	1995	212.1	98.6	224.7	63.4	312.4	1995	268.2	172.4	382.1	175.1	285.1			
		1994	68,312	3,173	5,119	5,582	54,283	1994	214.9	98.0	229.3	62.8	314.8	1994	276.1	176.4	398.5	179.3	292.3			
		1993	68,603	2,928	5,270	5,653	54,591	1993	217.7	93.5	238.0	65.3	315.2	1993	282.9	177.3	413.7	192.0	297.0			
		1992	66,668	2,904	5,075	5,265	53,273	1992	213.8	96.2	231.5	62.5	306.8	1992	280.3	188.7	401.9	189.2	292.8			
		1991	67,140	2,699	5,098	5,192	54,010	1991	219.7	93.7	237.4	64.1	313.1	1991	291.1	191.9	421.7	200.8	302.7			
		1990	67,425	2,440	5,205	5,049	54,614	1990	225.2	88.9	247.2											

APPENDIX TABLE I

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 18 MAJOR CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the **Ninth Revision of the International Classification of Diseases, 10** rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 **Year 2000 U.S. standard population**.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS						DEATH RATES						AGE-ADJUSTED DEATH RATES					
		YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE
CEREBROVASCULAR DISEASE	430-438	1998	16,385	1,323	1,178	1,685	12,158	1998	48.9	35.5	50.1	17.0	70.4	1998	59.2	54.0	80.3	41.2	60.8
		1997	16,649	1,323	1,240	1,646	12,397	1997	50.5	36.9	53.6	17.1	72.0	1997	61.9	56.6	86.4	42.2	63.4
		1996	16,481	1,295	1,219	1,588	12,329	1996	50.9	37.5	53.6	17.0	72.0	1996	63.5	61.4	90.0	44.3	64.3
		1995	16,176	1,185	1,247	1,453	12,242	1995	50.5	35.5	55.4	16.0	71.3	1995	64.4	61.5	94.2	43.1	65.2
		1994	15,703	1,114	1,238	1,318	11,995	1994	49.4	34.4	55.4	14.8	69.6	1994	64.3	62.2	97.2	42.2	65.0
		1993	15,195	1,007	1,197	1,325	11,627	1993	48.2	32.2	54.1	15.3	67.1	1993	63.4	59.5	94.6	43.6	63.6
		1992	15,111	913	1,150	1,278	11,736	1992	48.5	30.2	52.5	15.2	67.6	1992	64.6	58.9	92.9	45.1	65.1
		1991	15,350	962	1,174	1,337	11,847	1991	50.2	33.4	54.7	16.5	68.7	1991	67.8	68.0	98.2	50.4	67.2
		1990	15,462	817	1,164	1,191	12,265	1990	51.6	29.8	55.3	15.3	71.6	1990	70.6	64.0	100.5	48.8	71.2
		ATHEROSCLEROSIS	440	1998	1,937	60	83	149	1,635	1998	5.8	1.6	3.5	1.5	9.5	1998	7.2	2.7	6.3
1997	1,979			41	98	159	1,676	1997	6.0	1.1	4.2	1.6	9.7	1997	7.5	2.0	7.4	4.7	8.6
1996	1,885			73	105	125	1,580	1996	5.8	2.1	4.6	1.3	9.2	1996	7.5	4.0	8.9	4.0	8.3
1995	1,927			48	108	140	1,627	1995	6.0	1.4	4.8	1.5	9.5	1995	7.9	2.8	9.5	4.8	8.8
1994	1,990			58	100	112	1,718	1994	6.3	1.8	4.5	1.3	10.0	1994	8.5	3.7	9.0	4.2	9.4
1993	1,986			56	110	139	1,678	1993	6.3	1.8	5.0	1.6	9.7	1993	8.7	3.8	9.8	5.5	9.4
1992	2,023			49	91	139	1,742	1992	6.5	1.6	4.2	1.7	10.0	1992	9.1	3.7	8.7	5.9	9.9
1991	2,020			47	103	123	1,746	1991	6.6	1.6	4.8	1.5	10.1	1991	9.3	4.1	9.8	5.7	10.1
1990	2,067			42	110	120	1,791	1990	6.9	1.5	5.2	1.5	10.5	1990	9.9	4.1	10.9	6.1	10.6
AORTIC ANEURYSM	441			1998	1,535	120	75	111	1,226	1998	4.6	3.2	3.2	1.1	7.1	1998	5.4	4.7	4.9
		1997	1,493	95	83	80	1,233	1997	4.5	2.6	3.6	0.8	7.2	1997	5.4	3.9	5.5	1.9	6.2
		1996	1,480	103	75	93	1,206	1996	4.6	3.0	3.3	1.0	7.0	1996	5.5	4.7	5.3	2.5	6.2
		1995	1,447	80	62	84	1,216	1995	4.5	2.4	2.8	0.9	7.1	1995	5.5	3.9	4.1	2.4	6.3
		1994	1,482	81	87	75	1,236	1994	4.7	2.5	3.9	0.8	7.2	1994	5.8	4.4	6.5	2.3	6.5
		1993	1,502	86	70	85	1,259	1993	4.8	2.7	3.2	1.0	7.3	1993	5.9	4.7	5.4	2.6	6.6
		1992	1,594	93	63	80	1,356	1992	5.1	3.1	2.9	1.0	7.8	1992	6.4	5.6	4.7	2.6	7.2
		1991	1,643	85	94	87	1,373	1991	5.4	3.0	4.4	1.1	8.0	1991	6.8	5.9	7.2	3.0	7.4
		1990	1,633	85	92	81	1,373	1990	5.5	3.1	4.4	1.0	8.0	1990	7.0	6.3	7.3	2.9	7.5
		PNEUMONIA & INFLUENZA	480-487	1998	13,316	802	807	1,156	10,524	1998	39.8	21.5	34.3	11.6	60.9	1998	48.7	35.4	58.0
1997	12,286			698	653	1,152	9,754	1997	37.3	19.4	28.2	12.0	56.7	1997	46.2	32.2	48.3	31.2	50.0
1996	11,134			618	616	972	8,905	1996	34.4	17.9	27.1	10.4	52.0	1996	43.4	31.9	48.0	29.2	46.7
1995	10,548			565	565	892	8,500	1995	32.9	16.9	25.1	9.8	49.5	1995	42.6	32.7	45.8	28.0	45.6
1994	10,237			530	581	828	8,272	1994	32.2	16.4	26.0	9.3	48.0	1994	42.4	32.2	47.5	27.3	45.2
1993	10,508			546	601	940	8,392	1993	33.3	17.4	27.1	10.9	48.5	1993	44.3	35.9	49.0	32.9	46.2
1992	9,793			484	572	801	7,910	1992	31.4	16.0	26.1	9.5	45.6	1992	42.5	35.4	48.7	30.0	44.3
1991	9,725			474	553	766	7,912	1991	31.8	16.5	25.7	9.5	45.9	1991	43.7	38.6	48.4	31.8	45.3
1990	9,686			386	485	730	8,065	1990	32.3	14.1	23.0	9.4	47.1	1990	45.0	35.8	41.2	32.1	47.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	490-496			1998	12,261	483	651	674	10,419	1998	36.6	13.0	27.7	6.8	60.3	1998	43.7	20.0	42.4
		1997	11,737	547	607	624	9,937	1997	35.6	15.2	26.2	6.5	57.7	1997	42.9	24.1	40.8	17.4	50.2
		1996	11,373	479	585	531	9,745	1996	35.1	13.9	25.7	5.7	56.9	1996	42.7	22.3	40.8	15.9	49.8
		1995	10,765	433	504	499	9,296	1995	33.6	13.0	22.4	5.5	54.1	1995	41.5	22.6	36.0	15.7	48.3
		1994	11,017	414	519	507	9,556	1994	34.7	12.8	23.2	5.7	55.4	1994	43.2	22.5	37.9	16.8	50.0
		1993	10,625	360	471	548	9,221	1993	33.7	11.5	21.3	6.3	53.2	1993	42.3	20.9	34.7	19.3	48.4
		1992	10,040	338	479	437	8,773	1992	32.2	11.2	21.8	5.2	50.5	1992	40.7	21.1	35.8	16.3	46.5
		1991	9,703	335	474	456	8,417	1991	31.7	11.6	22.1	5.6	48.8	1991	40.2	22.8	35.6	18.1	45.2
		1990	9,647	317	468	433	8,414	1990	32.2	11.5	22.2	5.6	49.1	1990	41.3	24.5	37.0	18.9	46.1
		CHRONIC LIVER DISEASE AND CIRRHOSIS	571	1998	3,460	127	210	987	2,100	1998	10.3	3.4	8.9	9.9	12.2	1998	11.4	4.3	11.3
1997	3,502			109	213	944	2,192	1997	10.6	3.0	9.2	9.8	12.7	1997	11.9	3.8	11.5	17.6	11.5
1996	3,501			130	222	954	2,162	1996	10.8	3.8	9.8	10.2	12.6	1996	12.2	5.1	12.5	18.6	11.5
1995	3,575			118	218	916	2,289	1995	11.2	3.5	9.7	10.1	13.3	1995	12.7	4.8	12.5	18.9	12.3
1994	3,630			125	238	930	2,299	1994	11.4	3.9	10.7	10.5	13.3	1994	13.1	5.5	14.0	19.8	12.4
1993	3,681			113	250	897	2,381	1993	11.7	3.6	11.3	10.4	13.7	1993	13.5	4.9	15.3	20.0	12.9
1992	3,737			135	274	871	2,422	1992	12.0	4.5	12.5	10.3	13.9	1992	14.0	6.5	17.1	20.3	13.3
1991	3,728			109	284	842	2,461	1991	12.2	3.8	13.2	10.4	14.3	1991	14.3	5.9	17.9	20.0	13.7
1990	3,890			97	317	817	2,622	1990	13.0	3.5	15.1	10.5	15.3	1990	15.2	5.4	20.2	20.4	14.8
NEPHRITIS	580-589			1998	1,285	106	134	214	823	1998	3.8	2.8	5.7	2.2	4.8	1998	4.6	4.2	8.7
		1997	1,275	102	143	197	829	1997	3.9	2.8	6.2	2.0	4.8	1997	4.6	4.3	9.7	4.9	4.2
		1996	1,175	108	122	209	728	1996	3.6	3.1	5.4	2.2	4.2	1996	4.4	5.2	8.8	5.7	3.8
		1995	1,147	100	147	171	725	1995	3.6	3.0	6.5	1.9	4.2	1995	4.4	5.3	10.7	4.8	3.8
		1994	1,193	94	142	188	761	1994	3.8	2.9	6.4	2.1	4.4	1994	4.7	5.8	9.9	5.5	4.1
		1993	1,523	106	181	218	1,009	1993	4.8	3.4	8.2	2.5	5.8	1993	6.1	6.3	13.5	6.4	5.4
		1992	1,476	101	186	192	994	1992	4.7	3.3	8.5	2.3	5.7	1992	6.0	6.3	14.1	6.3	5.4
		1991	1,458	98	177	211	969	1991	4.8	3.4	8.2	2.6	5.6	1991	6.1	7.3	13.5	6.9	5.4
		1990	1,520	100	182	212	1,019	1990	5.1	3.6	8.6	2.7	5.9	1990	6.6	7.5	14.8	8.3	5.8

APPENDIX TABLE I

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 18 MAJOR CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA 1990-1998 (By Place of Residence)

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CAUSES OF DEATH	ICD (Rev. 9)	DEATHS						DEATH RATES						AGE-ADJUSTED DEATH RATES					
		YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE
CONGENITAL ANOMALIES	740-759	1998	1,413	113	132	530	633	1998	4.2	3.0	5.6	5.3	3.7	1998	4.1	2.9	5.5	3.6	4.0
		1997	1,484	128	114	563	672	1997	4.5	3.6	4.9	5.8	3.9	1997	4.3	3.5	4.7	4.0	4.3
		1996	1,451	109	138	535	665	1996	4.5	3.2	6.1	5.7	3.9	1996	4.1	2.9	5.6	3.7	4.2
		1995	1,515	121	151	553	686	1995	4.7	3.6	6.7	6.1	4.0	1995	4.2	3.3	5.7	3.8	4.3
		1994	1,512	124	122	585	674	1994	4.8	3.8	5.5	6.6	3.9	1994	4.1	3.3	4.4	3.8	4.2
		1993	1,544	126	146	576	690	1993	4.9	4.0	6.6	6.7	4.0	1993	4.1	3.3	5.6	3.7	4.2
		1992	1,593	121	152	623	692	1992	5.1	4.0	6.9	7.4	4.0	1992	4.2	3.3	5.4	4.1	4.0
		1991	1,726	141	167	642	772	1991	5.6	4.9	7.8	7.9	4.5	1991	4.5	3.8	6.1	4.3	4.4
		1990	1,713	116	159	627	810	1990	5.7	4.2	7.6	8.1	4.7	1990	4.8	3.9	5.5	4.7	4.7
		CERTAIN PERINATAL CONDITIONS	760-779	1998	1,346	94	241	609	395	1998	4.2	2.5	10.3	6.1	2.3	1998	4.1	2.3	9.4
1997	1,363			89	264	584	422	1997	4.1	2.5	11.4	6.1	2.5	1997	3.6	2.1	10.0	3.2	3.2
1996	1,338			85	241	579	429	1996	4.1	2.5	10.6	6.2	2.5	1996	3.4	2.0	8.9	3.2	3.1
1995	1,473			93	271	655	445	1995	4.6	2.8	12.0	7.2	2.6	1995	3.7	2.2	9.4	3.6	3.1
1994	1,692			98	359	685	544	1994	5.3	3.0	16.1	7.7	3.2	1994	4.1	2.3	11.7	3.7	3.6
1993	1,689			99	370	686	531	1993	5.4	3.2	16.7	7.9	3.1	1993	4.0	2.3	11.7	3.6	3.4
1992	1,815			102	423	682	603	1992	5.8	3.4	19.3	8.1	3.5	1992	4.1	2.4	12.6	3.6	3.5
1991	1,958			97	393	763	702	1991	6.4	3.4	18.3	9.4	4.1	1991	4.4	2.3	11.6	4.2	3.9
1990	2,075			101	413	754	804	1990	6.9	3.7	19.6	9.7	4.7	1990	5.2	2.9	12.8	5.0	4.6
ACCIDENTS	E800-E949			1998	8,620	530	710	2,095	5,208	1998	25.7	14.2	30.2	21.1	30.1	1998	27.1	16.7	33.8
		1997	8,762	613	701	2,104	5,270	1997	26.6	17.1	30.3	21.8	30.6	1997	28.0	20.0	33.7	26.0	29.0
		1996	9,217	548	792	2,331	5,475	1996	28.5	15.9	34.8	25.0	32.0	1996	29.9	18.5	38.0	29.8	30.6
		1995	9,372	543	846	2,352	5,568	1995	29.2	16.3	37.6	25.8	32.4	1995	30.6	19.5	40.4	29.5	31.3
		1994	9,233	560	821	2,274	5,515	1994	29.0	17.3	36.8	25.6	32.0	1994	30.4	20.6	40.2	29.2	31.0
		1993	9,536	489	852	2,504	5,633	1993	30.3	15.6	38.5	28.9	32.5	1993	31.4	18.7	41.0	32.7	31.5
		1992	9,251	513	774	2,420	5,476	1992	29.7	17.0	35.3	28.7	31.5	1992	30.8	21.1	38.6	31.8	30.7
		1991	9,420	495	867	2,308	5,695	1991	30.8	17.2	40.4	28.5	33.0	1991	31.9	21.1	43.1	31.5	32.2
		1990	10,170	548	850	2,607	6,109	1990	34.0	20.0	40.4	33.5	35.7	1990	34.8	25.6	44.8	36.3	34.6
		SUICIDE	E950-E959	1998	3,215	220	164	422	2,397	1998	9.6	5.9	7.0	4.2	13.9	1998	10.1	6.4	7.0
1997	3,424			267	148	437	2,556	1997	10.4	7.4	6.4	4.5	14.8	1997	10.9	8.1	6.7	5.1	14.0
1996	3,408			199	154	460	2,575	1996	10.5	5.8	6.8	4.9	15.0	1996	11.0	6.1	6.9	5.5	14.2
1995	3,823			227	205	503	2,867	1995	11.9	6.8	9.1	5.5	16.7	1995	12.6	7.3	9.2	6.1	15.9
1994	3,690			227	168	462	2,825	1994	11.6	7.0	7.5	5.2	16.4	1994	12.2	7.4	7.6	5.4	15.7
1993	3,818			256	204	473	2,874	1993	12.1	8.2	9.2	5.5	16.6	1993	12.8	8.9	9.7	5.8	15.8
1992	3,700			193	152	422	2,927	1992	11.9	6.4	6.9	5.0	16.9	1992	12.7	6.9	7.1	5.6	14.1
1991	3,765			204	157	389	3,003	1991	12.3	7.1	7.3	4.8	17.4	1991	13.1	7.9	7.4	5.4	16.7
1990	3,735			167	148	403	2,999	1990	12.5	6.1	7.0	5.2	17.5	1990	13.2	6.8	7.0	6.0	16.7
HOMICIDE	E960-E969			1998	2,265	143	563	970	573	1998	6.8	3.8	24.0	9.8	3.3	1998	6.7	3.8	22.5
		1997	2,780	172	717	1,180	691	1997	8.4	4.8	31.0	12.2	4.0	1997	8.3	4.7	28.8	11.6	4.0
		1996	3,007	175	805	1,295	723	1996	9.3	5.1	35.4	13.9	4.2	1996	9.1	5.0	32.5	12.9	4.2
		1995	3,623	223	954	1,613	809	1995	11.3	6.7	42.4	17.7	4.7	1995	11.0	6.5	39.1	16.2	4.6
		1994	3,821	195	1,144	1,602	858	1994	12.0	6.0	51.2	18.0	5.0	1994	11.5	5.8	46.6	16.1	4.8
		1993	4,206	228	1,280	1,656	1,025	1993	13.3	7.3	57.8	19.1	5.9	1993	12.7	6.9	52.6	16.9	5.8
		1992	4,092	208	1,137	1,702	1,036	1992	13.1	6.9	51.9	20.2	6.0	1992	12.4	6.7	47.0	17.4	5.9
		1991	4,071	216	1,171	1,585	1,081	1991	13.3	7.5	54.5	19.6	6.3	1991	12.3	6.9	49.0	16.2	5.9
		1990	3,703	151	1,083	1,479	978	1990	12.4	5.5	51.4	19.0	5.7	1990	11.3	5.2	45.4	15.9	5.4

Note: Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

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 Estimates by Age, Sex, and Race/Ethnic Group, May 2000.

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**FIGURE 8-A
CERTIFICATE OF LIVE BIRTH
1999**

STATE FILE NUMBER		CERTIFICATE OF LIVE BIRTH STATE OF CALIFORNIA USE BLACK INK ONLY				LOCAL REGISTRATION DISTRICT AND CERTIFICATE NUMBER	
THIS CHILD	1A. NAME OF CHILD --- FIRST (GIVEN)		1B. MIDDLE		1C. LAST (FAMILY)		
	2. SEX	3A. THIS BIRTH, SINGLE, TWIN, ETC.	3B. IF MULTIPLE, THIS CHILD 1ST, 2ND, ETC.	4A. DATE OF BIRTH --- MM/DD/CCYY		4B. HOUR --- (24 HOUR CLOCK TIME)	
PLACE OF BIRTH	5A. PLACE OF BIRTH --- NAME OF HOSPITAL OR FACILITY			5B. STREET ADDRESS --- STREET, NUMBER, OR LOCATION			
	5C. CITY			5D. COUNTY		5E. PLANNED PLACE OF BIRTH	
	6A. NAME OF FATHER --- FIRST (GIVEN)		6B. MIDDLE		6C. LAST (FAMILY)		
FATHER OF CHILD	6A. NAME OF FATHER --- FIRST (GIVEN)		6B. MIDDLE		6C. LAST (FAMILY)		
MOTHER OF CHILD	6A. NAME OF FATHER --- FIRST (GIVEN)		6B. MIDDLE		6C. LAST (FAMILY)		
PARENT'S CERTIFICATION	8A. NAME OF MOTHER --- FIRST (GIVEN)		8B. MIDDLE		8C. LAST (MAIDEN)		
	7. STATE OF BIRTH		8. DATE OF BIRTH				
CERTIFICATION OF BIRTH	9A. NAME OF MOTHER --- FIRST (GIVEN)		9B. MIDDLE		9C. LAST (MAIDEN)		
	10. STATE OF BIRTH		11. DATE OF BIRTH				
	12A. PARENT OR OTHER INFORMANT --- SIGNATURE		12B. RELATIONSHIP TO CHILD		12C. DATE SIGNED		
LOCAL REGISTRAR	13A. ATTENDANT OR CERTIFIER --- SIGNATURE --- DEGREE OR TITLE		13B. LICENSE NUMBER		13C. DATE SIGNED		
	13D. TYPED NAME, TITLE AND MAILING ADDRESS OF ATTENDANT			14. NAME AND TITLE OF REGISTRAR IF OTHER THAN ATTENDANT			
	15A. DATE OF DEATH	15B. STATE LICENSE NO. (ONLY)	15C. REGISTRATION SIGNATURE	16. DATE OF REGISTRATION		17. COUNTY OF REGISTRATION	
CONFIDENTIAL - DO NOT RELEASE FOR PUBLIC HEALTH USE ONLY							
FATHER	19A. STREET, NUMBER, OR LOCATION		19B. CITY		19C. COUNTY		
	19D. STATE		19E. ZIP CODE		19F. US OCCUPATION		
MOTHER	20B. USUAL KIND OF BUSINESS OR INDUSTRY		20C. EDUCATION - YRS COMPLETED				
	21. RACE		22. HISpanic OR LATIn		23A. USUAL OCCUPATION		
	23B. USUAL KIND OF BUSINESS OR INDUSTRY		23C. EDUCATION - YRS COMPLETED				
MEDICAL DATA	24A. STREET, NUMBER, OR LOCATION			24B. COUNTY			
	24C. CITY		24D. STATE		24E. ZIP CODE		
	25A. DATE LAST NORMAL MENSES BEGAN	25B. MONTH PRENATAL CARE BEGAN	25C. NUMBER OF PRENATAL VISITS		27. PREGNANCY HISTORY (COMPLETE EACH SECTION)		
	25D. PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE		26. BIRTHWEIGHT	28A. METHOD OF DELIVERY		LIVE BIRTHS (DO NOT COUNT THIS CHILD)	
	28B. EXPECTED PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY		29. COMPLICATIONS AND PROCEDURES OF PREGNANCY AND CONCURRENT ILLNESSES		OTHER TERMINATIONS (EXCLUDE INDUCED ABORTIONS)		
	30. COMPLICATIONS AND PROCEDURES OF LABOR AND DELIVERY		31. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATED TO THE NEWBORN				
A. DATE OF LAST LIVE BIRTH		B. DATE OF LAST OTHER TERMINATION					
C. DATE OF LAST LIVE BIRTH		D. DATE OF LAST OTHER TERMINATION					
E. DATE OF LAST LIVE BIRTH		F. DATE OF LAST OTHER TERMINATION					
A.	B.	C.	D.	E.	F.	CENSUS TRACT	
						32. FATHER'S SOCIAL SECURITY NO.	33. MOTHER'S SOCIAL SECURITY NO.

VS 10C (REV. 1/95)

FIGURE 8-B
 CERTIFICATE OF LIVE BIRTH
 MEDICAL DATA SUPPLEMENTAL WORK SHEET
 1999

State of California—Health and Welfare Agency

Department of Health Services

**CERTIFICATE OF LIVE BIRTH—MEDICAL DATA SUPPLEMENTAL WORK SHEET
 (For Hospital Use Only)**

**USE THE CODES CIRCLED ON THIS WORK SHEET FOR THE APPROPRIATE ENTRY
 IN ITEMS NUMBERED 25D AND 28A THROUGH 31 ON THE "CERTIFICATE OF LIVE BIRTH"**

Item 25D. PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE (Circle one code only.)

- | | |
|--|---------------------------------|
| 01 Medicare | 09 Self pay |
| 02 Medi-Cal (except CPS Program) | 10 No charge |
| 03 Workers' compensation | 11 Other nongovernment programs |
| 04 Title V (MCH funds) | 12 Medically indigent |
| 05 Other government programs | 13 Medi-Cal CPS Program |
| 06 Blue Cross/Blue Shield | 00 No prenatal care |
| 07 Private insurance company | 99 Unknown |
| 08 Health maintenance organization/prepaid health plan | |

Item 28A. METHOD OF DELIVERY (Circle up to three codes.)

Allowable code combinations are: 03 and 04, 04 and 05, 04 and 06, 05 and 06; and 04, 05, and 06.

- | | |
|------------------------------|--|
| 01 Cesarean section—primary | 04 Vaginal birth—after previous cesarean section |
| 02 Cesarean section—repeat | 05 Vaginal birth—forceps |
| 03 Vaginal birth—spontaneous | 06 Vaginal birth—vacuum |

Item 28B. EXPECTED PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY (Circle one code only.)

- | | |
|--|---------------------------------|
| 01 Medicare | 09 Self pay |
| 02 Medi-Cal | 10 No charge |
| 03 Workers' compensation | 11 Other nongovernment programs |
| 04 Title V (MCH funds) | 12 Medically indigent |
| 05 Other government programs | 00 Medically unattended birth |
| 06 Blue Cross/Blue Shield | 99 Unknown |
| 07 Private insurance company | |
| 08 Health maintenance organization/prepaid health plan | |

**Item 29. COMPLICATIONS AND PROCEDURES OF PREGNANCY AND CONCURRENT ILLNESSES
 (Circle up to 16 codes for the most important complications/procedures.)**

- | | |
|--|--|
| 01 Preeclampsia (pregnancy-induced hypertension) | 18 Hepatitis B (acute infection or carrier) |
| 02 Eclampsia (convulsions or coma) | 19 Rubella |
| 03 Hypertension, chronic | 20 Tobacco use during pregnancy |
| 04 Renal disease | Codes 21, 22, and 23 apply to any previous live birth or fetal death (single or multiple): |
| 05 Pyelonephritis | 21 ≥ 4000 grams birthweight |
| 06 Anemia (hct. < 30 and/or hgb. < 10) | 22 < 2500 grams birthweight |
| 07 Cardiac disease | 23 < 37 weeks gestation |
| 08 Lung disease, acute or chronic | 24 Cervical cerclage |
| 09 Diabetes | 25 Chorionic villus sampling |
| 10 Rh sensitization | 26 Amniocentesis |
| 11 Hemoglobinopathy | 27 Electronic fetal monitoring |
| 12 Uterine bleeding before labor | 28 Tocolysis |
| 13 Polyhydramnios/oligohydramnios | 29 Ultrasound |
| 14 Incompetent cervix (with or without cerclage) | 30 Other |
| 15 Premature labor | 00 None |
| 16 Genital herpes | |
| 17 Other sexually transmitted diseases | |

**Item 30. COMPLICATIONS AND PROCEDURES OF LABOR AND DELIVERY
 (Circle up to nine codes for the most important complications/procedures.)**

- | | |
|--|---|
| 01 Preeclampsia (pregnancy-induced hypertension) | 18 Febrile (> 100° F. or > 38° C.) |
| 02 Eclampsia (convulsions or coma) | 19 Presence of meconium, moderate/heavy |
| 03 Seizures during labor | 20 Cord prolapse |
| 04 Fetalpelvic disproportion | 21 Fetal distress |
| 05 Shoulder dystocia | 22 Anesthetic complications |
| 06 Breech or other abnormal presentation | 23 Unsuccessful attempt at vaginal birth after cesarean section |
| 07 Precipitous labor (< 3 hours) | 24 Maternal blood transfusion |
| 08 Prolonged labor (> 20 hours) | 25 Transport of mother from another facility prior to delivery |
| 09 Other dysfunctional labor | 26 Amniocentesis |
| 10 Premature rupture of membrane (> 12 hours) | 27 Electronic fetal monitoring |
| 11 Induction of labor | 28 Tocolysis |
| 12 Stimulation of labor | 29 Ultrasound |
| 13 Abruptio placenta | 30 Maternal death (within 72 hours of delivery) |
| 14 Placenta previa | 31 Other |
| 15 Other excessive bleeding | 00 None |
| 16 Genital herpes | |
| 17 Amnionitis/sepsis | |

Item 31. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATING TO THE NEWBORN (Circle codes on reverse.)

*Do not enter any identification by patient name or number on this work sheet. Discard after use.
 Do not retain in medical records or submit with the "Certificate of Live Birth."*

VS 10A (Rev. 1/90)

FIGURE 8-B (continued)
 CERTIFICATE OF LIVE BIRTH
 MEDICAL DATA SUPPLEMENTAL WORK SHEET
 1999

CERTIFICATE OF LIVE BIRTH, MEDICAL DATA SUPPLEMENTAL WORK SHEET (Continued)

Item 31. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATING TO THE NEWBORN
(Circle up to ten codes for the most important conditions/procedures.)

CENTRAL NERVOUS SYSTEM (CNS)

- 01 Anencephalus (740.0), with or without spina bifida. Include craniorachischisis (740.1) and iniencephaly (740.2).
- 02 Open spina bifida (741.0, 741.9). If hydrocephalus is also present, enter code 05 in addition to code 02.
- 03 Encephalocele (742.0).
- 04 Microcephalus (742.1).
- 05 Hydrocephalus (741.0, 742.3). If spina bifida is also present, enter code 02 in addition to code 05.
- 06 Other anomalies of central nervous system (remainder of 740-742).

EYE

- 07 Anophthalmos (743.0).
- 08 Congenital cataract (743.3).
- 09 Coloboma (743.4). Exclude other anomalies of anterior segments.
- 10 Other anomalies of eye (remainder of 743).

EAR, FACE, NECK

- 11 Branchial clefts (cyst, sinus, and/or fistula) (744.4).
- 12 Other anomalies of ear, face, and/or neck (remainder of 744).

CIRCULATORY SYSTEM

- 13 Truncus arteriosus (745.0).
- 14 Transposition of great vessels (745.1).
- 15 Tetralogy of Fallot (745.2).
- 16 Ventricular septal defect (VSD) (745.4).
- 17 Atrial septal defect (ASD) (745.5).
- 18 Endocardial cushion defects (745.6).
- 19 Valve stenosis and/or insufficiency (746.0-746.6).
- 20 Hypoplastic left heart syndrome (746.7).
- 21 Other anomalies of heart (remainder of 745-746).
- 22 Patent ductus arteriosus (747.0).
- 23 Coarctation of aorta (747.1).
- 24 Other anomalies of circulatory system (remainder of 747).

RESPIRATORY SYSTEM

- 25 Choanal atresia (748.0).
- 26 Agenesis, hypoplasia, or dysplasia of lung (748.5).
- 27 Other anomalies of respiratory system (remainder of 748).

CLEFT PALATE, LIP

- 28 Cleft palate (749.0).
- 29 Cleft lip (749.1).
- 30 Cleft palate with cleft lip (749.2).

DIGESTIVE SYSTEM

- 31 Tracheo-esophageal fistula, or esophageal atresia or stenosis (750.3).
- 32 Atresia or stenosis of small intestine (751.1).
- 33 Atresia or stenosis of large intestine, rectum, and/or anal canal (751.2).
- 34 Other anomalies of digestive system (remainder of 750-751).

GENITOURINARY SYSTEM

- 35 Hypospadias or epispadias (752.6).
- 36 Indeterminate sex or pseudohermaphroditism (752.7).
- 37 Other anomalies of genital system (remainder of 752).
- 38 Renal agenesis (753.0).
- 39 Cystic kidney disease (753.1).
- 40 Congenital ureteral obstruction (753.2).
- 41 Exstrophy of urinary bladder (753.5).
- 42 Other anomalies of urinary system (remainder of 753).

MUSCULOSKELETAL DEFORMITIES

- 43 Hip dislocation without CNS (754.3).
- 44 Talipes (754.5-754.7).
- 45 Preaxial polydactyly (accessory thumbs) (part of 755.0). Exclude skin tags.
- 46 Other polydactyly (remainder of 755.0). Exclude skin tags.
- 47 Syndactyly of fingers and/or toes (755.1).
- 48 Missing fingers and/or toes (part of 755.2; part of 755.3).
- 49 Other missing extremity, partial or complete (remainder of 755.2-755.4).
- 50 Craniosynostosis (part of 756.0). Exclude acrocephaly, hypertelorism, and oxycephaly.
- 51 Chondrodystrophy (756.4).

MUSCULOSKELETAL DEFORMITIES (Continued)

- 52 Anomalies of diaphragm (756.6).
- 53 Gastroschisis, exomphalos, or omphalocele (756.7, 551.1, 552.1, 553.1). Exclude simple umbilical hernia.
- 54 Other anomalies of musculoskeletal system (remainder of 754-756).
- 55 SKIN, NAILS, HAIR (757.0-757.9).
- 56 VISIBLE AMNIOTIC BANDS (Amniotic band syndrome affecting the child) (658.8).

CHROMOSOMAL ANOMALIES

- 57 Down's syndrome (trisomy 21) (758.0).
- 58 Other autosomal trisomies (758.1, 758.2, 758.5). Include Patau's syndrome (trisomy 13), Edwards' syndrome (trisomy 18), and other autosomal trisomies.
- 59 Abnormalities of sex chromosomes (758.6-758.8). Include Turner's syndrome and Klinefelter's syndrome.
- 60 Other conditions due to chromosome anomalies (remainder of 758).
- 61 MULTIPLE NONSPECIFIC ANOMALIES (759.7).
- 62 OTHER AND UNSPECIFIED CONGENITAL ANOMALIES (remainder of 759).

OTHER CONDITIONS AND PROCEDURES

- 63 Anemia (hct. <39 and/or hgb. <13): due to Rh antibodies (730.0); due to ABO antibodies (773.1) due to fetal blood loss (776).
- 64 Fetal alcohol syndrome (part of 760.7).
- 65 Drug withdrawal syndrome (779.5).
- 66 Birth injury, with or without specific site (767.0-767.9).
- 67 Hyaline membrane disease or RDS (769).
- 68 Meconium aspiration syndrome (770.1).
- 69 Congenital rubella syndrome (771.0).
- 70 Seizures (779.0).
- 71 Assisted ventilation <30 min. (Procedure; no ICD 9 code).
- 72 Assisted ventilation ≥30 min. (Procedure; no ICD 9 code).
- 73 Neonatal Intensive Care Unit (NICU) (≥24 hours; <24 hours if infant died). (Procedure; no ICD 9 code).
- 74 Transfer of newborn to another facility. (Procedure; no ICD 9 code).
- 75 Other
- 00 None

FIGURE 8-C
 STATISTICAL INFORMATION AVAILABLE
 FOR LIVE BIRTHS, 1999

VARIABLE	CERTIFICATE ITEM NUMBER
THIS CHILD	
Name of child (first, middle, last)	1A, B, C
Sex of child	2
Single, twin, triplet, quadruplet, quintuplet, or more	3A
If multiple birth, birth order	3B
Date of birth (month, day, year)	4A
Time of birth	4B
Birth weight (in grams)	26
PLACE OF DELIVERY	
Hospital or facility	5A
County of occurrence	5D
MOTHER OF CHILD	
Name (first, maiden surname)	9A, C
State of birth	10
Date of birth	11
Age	11
Race	21
Hispanic origin	22
Years of education	23C
Residence (county, state, zip code)	24B, D, E
FATHER OF CHILD	
Last name	6C
Date of birth	8
Age	8
Race	18
Hispanic origin	19
Years of education	20C
MEDICAL AND HEALTH DATA	
Completed days of gestation	4A, 25A
Planned place of delivery	5E
Type of certifier	13A
Date of death, if infant died	15A
Date last normal menses began	25A
Month of pregnancy prenatal care began	25B
Number of prenatal visits	25C
Principal source of payment for prenatal care	25D
Previous deliveries to this mother	27A, B, D, E
Date of last live birth	27C
Date of last termination	27F
Method of delivery	28A
Expected source of payment for delivery	28B
Complications of pregnancy and concurrent illnesses	29
Complications of labor and delivery	30
Abnormal conditions of newborn	31

**FIGURE 8-D
CERTIFICATE OF FETAL DEATH
1999**

STATE OF CALIFORNIA CERTIFICATE OF FETAL DEATH										
STATE FILE NUMBER		USE BLACK INK ONLY MAKE NO ERASURES, WHITEOUTS, OR OTHER ALTERATIONS						LOCAL REGISTRATION DISTRICT AND CERTIFICATE NUMBER		
THIS FETUS	1A. NAME—FIRST (GIVEN)			1B. MIDDLE		1C. LAST (FAMILY)				
	2. SEX	3A. THIS FETUS, SINGLE, TWIN, ETC.	3B. IF MULTIPLE THIS FETUS 1ST, 2ND, ETC.	4A. DATE OF EVENT—MONTH, DAY, YEAR		4B. HOUR—24 HOUR CLOCK TIME				
PLACE OF DELIVERY	5A. PLACE OF EVENT—NAME OF HOSPITAL OR FACILITY				5B. STREET ADDRESS—STREET, NUMBER, OR LOCATION					
	5C. CITY			5D. COUNTY		5E. PLANNED PLACE OF DELIVERY				
FATHER	6A. NAME OF FATHER—FIRST (GIVEN)		6B. MIDDLE		6C. LAST (FAMILY)		7. STATE OF BIRTH	8. DATE OF BIRTH—MONTH, DAY, YEAR		
MOTHER	9A. NAME OF MOTHER—FIRST (GIVEN)		9B. MIDDLE		9C. LAST (MAIDEN)		10. STATE OF BIRTH	11. DATE OF BIRTH—MONTH, DAY, YEAR		
CERTIFICATION	I CERTIFY THAT THIS FETUS WAS BORN DEAD AT THE HOUR, DATE AND PLACE STATED FROM THE CAUSES STATED.			12A. SIGNATURE OF PHYSICIAN, CORONER, OR DEPUTY CORONER		12B. DEGREE OR TITLE AND TYPED NAME		12C. DATE		
FUNERAL DIRECTOR AND LOCAL REGISTRAR	13A. DISPOSITION(S)		13B. PLACE OF DISPOSITION—NAME AND ADDRESS			13C. DATE MO, DAY, YEAR		13D. SIGNATURE OF REGISTRAR		
	15A. NAME OF FUNERAL DIRECTOR (OR PERSON ACTING AS SUCH)			15B. LICENSE NUMBER		15C. OF REGISTRAR		15D. REGISTRATION DATE		
CAUSE OF DEATH	18. FETAL DEATH WAS CAUSED BY:							19. REFERRED TO CORONER?		
	IMMEDIATE CAUSE (A)							YES <input type="checkbox"/> NO <input type="checkbox"/>		
	(B)							YES <input type="checkbox"/> NO <input type="checkbox"/>		
(C)							YES <input type="checkbox"/> NO <input type="checkbox"/>			
18. FETAL DEATH WAS CAUSED BY: (C) PHYSICIAN, CORONER, OR DEPUTY CORONER CONTRIBUTING TO FETAL DEATH BUT NOT RELATED TO CAUSE GIVEN IN 18.										
FATHER	23. RACE		24A. USUAL OCCUPATION		24B. USUAL KIND OF BUSINESS OR INDUSTRY		24C. EDUCATION—YRS. COMPLETED			
	26. HISPANIC SPECIFY		27A. USUAL OCCUPATION		27B. USUAL KIND OF BUSINESS OR INDUSTRY		27C. EDUCATION—YRS. COMPLETED			
MOTHER	28A. RESIDENCE—STREET, NUMBER, OR LOCATION			28B. CITY		28C. STATE	28D. ZIP	28E. COUNTY		
	29A. DATE LAST NORMAL MENSTRUATION BEGAN		29B. MONTH PRENATAL CARE BEGAN		29C. NUMBER OF PRENATAL VISITS		31. PREGNANCY HISTORY (COMPLETE EACH SECTION)			
MEDICAL DATA (ENTER THE APPROPRIATE CODE(S) FOR ITEMS 29D AND 32A-35 FROM THE VS IZA SUPPLEMENTAL WORKSHEET.)	29D. PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE		30. FETAL WEIGHT		32A. METHOD OF DELIVERY		LIVE BIRTHS		OTHER TERMINATIONS (EXCLUDE INDUCED ABORTIONS)	
	CODE:		GRAMS		CODE(S):		NOW LIVING (NUMBER)	NOW DEAD (NUMBER)	BEFORE 20 WKS (NUMBER)	AFTER 20 WKS (NUMBER)
	32B. EXPECTED PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY		33. COMPLICATIONS AND PROCEDURES OF PREGNANCY AND CONCURRENT ILLNESSES				DATE OF LAST LIVE BIRTH		DATE OF LAST OTHER TERM.	
	CODE:		CODE(S):				MONTH	DAY	YEAR	MONTH
34. COMPLICATIONS AND PROCEDURES OF LABOR AND DELIVERY					35. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATING TO THE FETUS					
CODE(S):					CODE(S):					
STATE REGISTRAR	A.	B.	C.	D.	E.	F.	CENSUS TRACT			

CONFIDENTIAL HEALTH AND MEDICAL INFORMATION

SAMPLE

FIGURE 8-E
 CERTIFICATE OF FETAL DEATH
 MEDICAL DATA SUPPLEMENTAL WORK SHEET
 1999

State of California—Health and Welfare Agency

Department of Health Services

CERTIFICATE OF FETAL DEATH —MEDICAL DATA SUPPLEMENTAL WORK SHEET
(For Hospital Use Only)

**USE THE CODES CIRCLED ON THIS WORK SHEET FOR THE APPROPRIATE ENTRY
 IN ITEMS NUMBERED 29D AND 32A THROUGH 35 ON THE "CERTIFICATE OF FETAL DEATH"**

Item 29D. PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE (Circle one code only.)

- | | |
|--|---------------------------------|
| 01 Medicare | 09 Self pay |
| 02 Medi-Cal (except CPS Program) | 10 No charge |
| 03 Workers' compensation | 11 Other nongovernment programs |
| 04 Title V (MCH funds) | 12 Medically indigent |
| 05 Other government programs | 13 Medi-Cal CPS Program |
| 06 Blue Cross/Blue Shield | 00 No prenatal care |
| 07 Private insurance company | 99 Unknown |
| 08 Health maintenance organization/prepaid health plan | |

Item 32A. METHOD OF DELIVERY (Circle up to three codes.)

Allowable code combinations are: 03 and 04, 04 and 05, 04 and 06, 05 and 06; and 04, 05, and 06.

- | | |
|------------------------------|--|
| 01 Cesarean section—primary | 04 Vaginal birth—after previous cesarean section |
| 02 Cesarean section—repeat | 05 Vaginal birth—forceps |
| 03 Vaginal birth—spontaneous | 06 Vaginal birth—vacuum |

Item 32B. EXPECTED PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY (Circle one code only.)

- | | |
|--|---------------------------------|
| 01 Medicare | 09 Self pay |
| 02 Medi-Cal | 10 No charge |
| 03 Workers' compensation | 11 Other nongovernment programs |
| 04 Title V (MCH funds) | 12 Medically indigent |
| 05 Other government programs | 00 Medically unattended birth |
| 06 Blue Cross/Blue Shield | 99 Unknown |
| 07 Private insurance company | |
| 08 Health maintenance organization/prepaid health plan | |

**Item 33. COMPLICATIONS AND PROCEDURES OF PREGNANCY AND CONCURRENT ILLNESSES
 (Circle up to 16 codes for the most important complications/procedures.)**

- | | |
|--|--|
| 01 Preeclampsia (pregnancy-induced hypertension) | 18 Hepatitis B (acute infection or carrier) |
| 02 Eclampsia (convulsions or coma) | 19 Rubella |
| 03 Hypertension, chronic | 20 Tobacco use during pregnancy |
| 04 Renal disease | Codes 21, 22, and 23 apply to any previous live birth or fetal death (single or multiple): |
| 05 Pyelonephritis | 21 ≥ 4000 grams birthweight |
| 06 Anemia (hct. < 30 and/or hgb. < 10) | 22 < 2500 grams birthweight |
| 07 Cardiac disease | 23 < 37 weeks gestation |
| 08 Lung disease, acute or chronic | 24 Cervical cerclage |
| 09 Diabetes | 25 Chorionic villus sampling |
| 10 Rh sensitization | 26 Amniocentesis |
| 11 Hemoglobinopathy | 27 Electronic fetal monitoring |
| 12 Uterine bleeding before labor | 28 Tocolysis |
| 13 Polyhydramnios/oligohydramnios | 29 Ultrasound |
| 14 Incompetent cervix (with or without cerclage) | 30 Other |
| 15 Premature labor | 00 None |
| 16 Genital herpes | |
| 17 Other sexually transmitted diseases | |

**Item 34. COMPLICATIONS AND PROCEDURES OF LABOR AND DELIVERY
 (Circle up to nine codes for the most important complications/procedures.)**

- | | |
|--|---|
| 01 Preeclampsia (pregnancy-induced hypertension) | 18 Febrile (> 100° F. or > 38° C.) |
| 02 Eclampsia (convulsions or coma) | 19 Presence of meconium, moderate/heavy |
| 03 Seizures during labor | 20 Cord prolapse |
| 04 Fetopelvic disproportion | 21 Fetal distress |
| 05 Shoulder dystocia | 22 Anesthetic complications |
| 06 Breech or other abnormal presentation | 23 Unsuccessful attempt at vaginal birth after cesarean section |
| 07 Precipitous labor (< 3 hours) | 24 Maternal blood transfusion |
| 08 Prolonged labor (> 20 hours) | 25 Transport of mother from another facility prior to delivery |
| 09 Other dysfunctional labor | 26 Amniocentesis |
| 10 Premature rupture of membrane (> 12 hours) | 27 Electronic fetal monitoring |
| 11 Induction of labor | 28 Tocolysis |
| 12 Stimulation of labor | 29 Ultrasound |
| 13 Abruptio placenta | 30 Maternal death (within 72 hours of delivery) |
| 14 Placenta previa | 31 Other |
| 15 Other excessive bleeding | 00 None |
| 16 Genital herpes | |
| 17 Amnionitis/sepsis | |

Item 35. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATING TO THE FETUS (Circle codes on reverse.)

**Do not enter any identification by patient name or number on this work sheet. Discard after use.
 Do not retain in medical records or submit with the "Certificate of Fetal Death."**

VS 12A (Rev. 1/90)

FIGURE 8-E (continued)
 CERTIFICATE OF FETAL DEATH
 MEDICAL DATA SUPPLEMENTAL WORK SHEET
 1999

CERTIFICATE OF FETAL DEATH, MEDICAL DATA SUPPLEMENTAL WORK SHEET (Continued)

Item 35. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATING TO THE FETUS
(Circle up to ten codes for the most important conditions/procedures.)

CENTRAL NERVOUS SYSTEM (CNS)	RESPIRATORY SYSTEM	MUSCULOSKELETAL DEFORMITIES (Continued)
01 Anencephalus (740.0), with or without spina bifida. Include craniorachischisis (740.1) and iniencephaly (740.2).	25 Choanal atresia (748.0).	51 Chondrodystrophy (756.4).
02 Open spina bifida (741.0, 741.9). If hydrocephalus is also present, enter code 05 in addition to code 02.	26 Agenesis, hypoplasia, or dysplasia of lung (748.5).	52 Anomalies of diaphragm (756.6).
03 Encephalocele (742.0).	27 Other anomalies of respiratory system (remainder of 748).	53 Gastroschisis, exomphalos, or omphalocele (756.7, 551.1, 552.1, 553.1). Exclude simple umbilical hernia.
04 Microcephalus (742.1).	CLEFT PALATE, LIP	54 Other anomalies of musculoskeletal system (remainder of 754-756).
05 Hydrocephalus (741.0, 742.3). If spina bifida is also present, enter code 02 in addition to code 05.	28 Cleft palate (749.0).	55 SKIN, NAILS, HAIR (757.0-757.9).
06 Other anomalies of central nervous system (remainder of 740-742).	29 Cleft lip (749.1).	56 VISIBLE AMNIOTIC BANDS (Amniotic band syndrome affecting the child) (658.8).
EYE	30 Cleft palate with cleft lip (749.2).	CHROMOSOMAL ANOMALIES
07 Anophthalmos (743.0).	DIGESTIVE SYSTEM	57 Down's syndrome (trisomy 21) (758.0).
08 Congenital cataract (743.3).	31 Tracheo-esophageal fistula, or esophageal atresia or stenosis (750.3).	58 Other autosomal trisomies (758.1, 758.2, 758.5). Include Patau's syndrome (trisomy 13), Edwards' syndrome (trisomy 18), and other autosomal trisomies.
09 Coloboma (743.4). Exclude other anomalies of anterior segments.	32 Atresia or stenosis of small intestine (751.1).	59 Abnormalities of sex chromosomes (758.6-758.8). Include Turner's syndrome and Klinefelter's syndrome.
10 Other anomalies of eye (remainder of 743).	33 Atresia or stenosis of large intestine, rectum, and/or anal canal (751.2).	60 Other conditions due to chromosome anomalies (remainder of 758).
EAR, FACE, NECK	34 Other anomalies of digestive system (remainder of 750-751).	61 MULTIPLE NONSPECIFIC ANOMALIES (759.7).
11 Branchial clefts (cyst, sinus, and/or fistula) (744.4).	GENITOURINARY SYSTEM	62 OTHER AND UNSPECIFIED CONGENITAL ANOMALIES (remainder of 759).
12 Other anomalies of ear, face, and/or neck (remainder of 744).	35 Hypospadias or epispadias (752.6).	OTHER CONDITIONS AND PROCEDURES
CIRCULATORY SYSTEM	36 Indeterminate sex or pseudohermaphroditism (752.7).	63 Anemia (hct. <39 and/or hgb. <13): due to Rh antibodies (730.0); due to ABO antibodies (773.1) due to fetal blood loss (776).
13 Truncus arteriosus (745.0).	37 Other anomalies of genital system (remainder of 752).	64 Fetal alcohol syndrome (part of 760.7).
14 Transposition of great vessels (745.1).	38 Renal agenesis (753.0).	65 Birth injury, with or without specific site (767.0-767.9).
15 Tetralogy of Fallot (745.2).	39 Cystic kidney disease (753.1).	66 Congenital rubella syndrome (771.0).
16 Ventricular septal defect (VSD) (745.4).	40 Congenital ureteral obstruction (753.2).	67 Other
17 Atrial septal defect (ASD) (745.5).	41 Exstrophy of urinary bladder (753.5)	00 None
18 Endocardial cushion defects (745.6).	42 Other anomalies of urinary system (remainder of 753).	
19 Valve stenosis and/or insufficiency (746.0-746.6).	MUSCULOSKELETAL DEFORMITIES	
20 Hypoplastic left heart syndrome (746.7).	43 Hip dislocation without CNS (754.3).	
21 Other anomalies of heart (remainder of 745-746).	44 Talipes (754.5-754.7).	
22 Patent ductus arteriosus (747.0).	45 Preaxial polydactyly (accessory thumbs) (part of 755.0). Exclude skin tags.	
23 Coarctation of aorta (747.1).	46 Other polydactyly (remainder of 755.0). Exclude skin tags.	
24 Other anomalies of circulatory system (remainder of 747).	47 Syndactyly of fingers and/or toes (755.1).	
	48 Missing fingers and/or toes (part of 755.2; part of 755.3).	
	49 Other missing extremity, partial or complete (remainder of 755.2-755.4).	
	50 Craniosynostosis (part of 756.0). Exclude acrocephaly, hypertelorism, and oxycephaly.	

FIGURE 8-F
 STATISTICAL INFORMATION AVAILABLE
 FOR FETAL DEATHS, 1999

VARIABLE	CERTIFICATE ITEM NUMBER
THIS FETUS	
Name of child (first, middle, last)	1A, B, C
Sex of child	2
Single, twin, triplet, quadruplet, quintuplet, or more	3A
If multiple birth, birth order	3B
Date of delivery (month, day, year)	4A
Time of delivery	4B
Fetal weight (in grams)	30
PLACE OF DELIVERY	
Hospital or facility	5A
County of occurrence	5D
MOTHER	
Name (first, maiden surname)	9A, C
State of birth	10
Date of birth	11
Age	11
Race	25
Hispanic origin	26
Years of education	27C
Residence (county, state, zip code)	28C, D, E
FATHER	
Last name	6C
Date of birth	8
Age	8
Race	22
Hispanic origin	23
Years of education	24C
MEDICAL AND HEALTH DATA	
Completed days of gestation	4A, 29A
Planned place of delivery	5E
Type of certifier	12B
Underlying cause of death	18
Reported to coroner	19
Autopsy performed	20A
Autopsy used to determine cause of death	20B
Date last normal menses began	29A
Month of pregnancy prenatal care began	29B
Number of prenatal visits	29C
Principal source of payment for prenatal care	29D
Previous deliveries to this mother	31A, B, D, E
Date of last live birth	31C
Date of last termination	31F
Method of delivery	32A
Expected source of payment for delivery	32B
Complications of pregnancy and concurrent illnesses	33
Complications of labor and delivery	34
Abnormal conditions of fetus	35

**FIGURE 8-G
CERTIFICATE OF DEATH
1999**

STATE OF CALIFORNIA STATE FILE NUMBER _____ USE BLACK INK ONLY/NO ERASURES, WHITOUTS OR ALTERATIONS VS-11 (REV. 7/95) LOCAL REGISTRATION NUMBER _____														
DECEDENT PERSONAL DATA	1. NAME OF DECEDENT—FIRST (GIVEN)			2. MIDDLE			3. LAST (FAMILY)							
	4. DATE OF BIRTH M M / D D / C C Y Y		5. AGE YRS.	IF UNDER 1 YEAR MONTHS DAYS		IF UNDER 24 HOURS HOURS MINUTES		6. SEX	7. DATE OF DEATH M M / D D / C C Y Y		8. HOUR			
	9. STATE OF BIRTH		10. SOCIAL SECURITY NO.		11. MILITARY SERVICE 19 ____ TO 19 ____ <input type="checkbox"/> NONE			12. MARITAL STATUS		13. EDUCATION —YEARS COMPLETED				
	14. RACE		15. HISPANIC—SPECIFY <input type="checkbox"/> YES _____ <input type="checkbox"/> NO			16. USUAL EMPLOYER								
	17. OCCUPATION				18. KIND OF BUSINESS				19. YEARS IN OCCUPATION					
	20. RESIDENCE—STREET AND NUMBER OR LOCATION													
USUAL RESIDENCE	21. CITY			22. COUNTY			23. ZIP CODE		24. YRS IN COUNTY		25. STATE OR FOREIGN COUNTRY			
INFORMANT	26. NAME, RELATIONSHIP					27. MAILING ADDRESS (STREET AND NUMBER OR RURAL ROUTE NUMBER, CITY OR TOWN, STATE, ZIP)								
SPOUSE AND PARENT INFORMATION	28. NAME OF SURVIVING SPOUSE—FIRST			29. MIDDLE			30. LAST (MAIDEN NAME)							
	31. NAME OF FATHER—FIRST			32. MIDDLE			33. LAST			34. BIRTH STATE				
	35. NAME OF MOTHER—FIRST			36. MIDDLE			37. LAST			38. BIRTH STATE				
DISPOSITION(S)	39. DATE M M / D D / C C Y Y		40. PLACE OF FINAL DISPOSITION											
FUNERAL DIRECTOR AND LOCAL REGISTRAR	41. TYPE OF DISPOSITION(S)													
	44. NAME OF DIRECTOR			45. SIGNATURE OF DIRECTOR			46. SIGNATURE OF LOCAL REGISTRAR			47. DATE M M / D D / C C Y Y				
PLACE OF DEATH	101. PLACE OF DEATH			102. FACILITY OF DEATH			103. FACILITY OTHER THAN HOSPITAL: <input type="checkbox"/> CONV. HOSP. <input type="checkbox"/> RES. <input type="checkbox"/> OTHER			104. COUNTY				
	105. STREET			106. CITY										
CAUSE OF DEATH	107. ICD-9 CODE (ENTER ONLY ONE CAUSE PER LINE FOR A, B, C, AND D)						TIME INTERVAL BETWEEN ONSET AND DEATH		108. DEATH REPORTED TO CORONER <input type="checkbox"/> YES <input type="checkbox"/> NO REFERRAL NUMBER _____					
	IMMEDIATE CAUSE (A)								109. BIOPSY PERFORMED <input type="checkbox"/> YES <input type="checkbox"/> NO					
	DUE TO (B)								110. AUTOPSY PERFORMED <input type="checkbox"/> YES <input type="checkbox"/> NO					
	DUE TO (C)								111. USED IN DETERMINING CAUSE <input type="checkbox"/> YES <input type="checkbox"/> NO					
	DUE TO (D)													
112. OTHER SIGNIFICANT CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN IN 107														
113. WAS OPERATION PERFORMED FOR ANY CONDITION IN ITEM 107 OR 112? IF YES, LIST TYPE OF OPERATION AND DATE.														
PHYSICIAN'S CERTIFICATION	114. I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE DEATH OCCURRED AT THE HOUR, DATE AND PLACE STATED FROM THE CAUSES STATED. DECEDENT ATTENDED SINCE M M / D D / C C Y Y			DECEDENT LAST SEEN ALIVE M M / D D / C C Y Y			115. SIGNATURE AND TITLE OF CERTIFIER			116. LICENSE NO.		117. DATE M M / D D / C C Y Y		
	118. TYPE ATTENDING PHYSICIAN'S NAME, MAILING ADDRESS + ZIP													
CORONER'S USE ONLY	I CERTIFY THAT IN MY OPINION DEATH OCCURRED AT THE HOUR, DATE AND PLACE STATED FROM THE CAUSES STATED.						120. INJURY AT WORK <input type="checkbox"/> YES <input type="checkbox"/> NO		121. INJURY DATE M M / D D / C C Y Y		122. HOUR		123. PLACE OF INJURY	
	119. MANNER OF DEATH <input type="checkbox"/> NATURAL <input type="checkbox"/> SUICIDE <input type="checkbox"/> HOMICIDE <input type="checkbox"/> ACCIDENT <input type="checkbox"/> PENDING INVESTIGATION <input type="checkbox"/> COULD NOT BE DETERMINED						124. DESCRIBE HOW INJURY OCCURRED (EVENTS WHICH RESULTED IN INJURY)							
	125. LOCATION (STREET AND NUMBER OR LOCATION AND CITY AND ZIP CODE)													
126. SIGNATURE OF CORONER OR DEPUTY CORONER						127. DATE M M / D D / C C Y Y		128. TYPED NAME, TITLE OF CORONER OR DEPUTY CORONER						
STATE REGISTRAR	A	B	C	D	E	F	G	H	FAX AUTH. #		CENSUS TRACT			

SAMPLE

FIGURE 8-H
 STATISTICAL INFORMATION AVAILABLE
 FOR DEATHS, 1999

VARIABLE	CERTIFICATE ITEM NUMBER
DECEDENT PERSONAL DATA	
Name of decedent (first, middle, last)	1, 2, 3
Date of birth	4
Age	5
Sex	6
Date of death (month, day, year)	7
State/foreign country of birth	9
Social Security Number	10
Marital status	12
Years of education	13
Race	14
Hispanic origin	15
Residence (county, state, or country)	22, 25
Zip Code	23
Years in this country	24
Father's surname	33
Mother's maiden name	37
PLACE OF DEATH	
Type of hospital	102
County of occurrence	104
MEDICAL AND HEALTH DATA	
Underlying cause of death	107
Cause of death group code	107
Special medical indicator	107, 112
Reported to coroner	108
Biopsy performed	109
Autopsy performed	110
Autopsy used to determine cause of death	111
Operation performed	113
Type of certifier	115, 128
Work injury	120
Date of injury	121
Days between injury and death	7, 121
Place of injury (environment)	123

FIGURE 8-I
RACE IDENTIFICATION WORK SHEET
1999

State of California—Health and Welfare Agency

Department of Health Services

RACE IDENTIFICATION WORK SHEET

NOTICE TO INFORMANTS: Completion of this work sheet in conjunction with either the "Certificate of Live Birth" or the "Certificate of Fetal Death" is not required by state law. However, the information requested is essential for determining the health problems of the population groups noted below and your cooperation is appreciated. Completion of this work sheet in conjunction with the "Certificate of Death" is mandatory.

"CERTIFICATE OF LIVE BIRTH" (VS 10) AND "CERTIFICATE OF FETAL DEATH" (VS 12)

ITEM entitled "RACE" (check ONE box)

The FATHER is:

- | | | |
|---|---------------------------------------|--|
| <input type="checkbox"/> Black | <input type="checkbox"/> Asian Indian | <input type="checkbox"/> Filipino |
| <input type="checkbox"/> White | <input type="checkbox"/> Cambodian | <input type="checkbox"/> Guamanian |
| | <input type="checkbox"/> Chinese | <input type="checkbox"/> Hawaiian |
| <input type="checkbox"/> Aleut | <input type="checkbox"/> Hmong | <input type="checkbox"/> Pacific Islander |
| <input type="checkbox"/> American Indian
(North, South, and
Central)
Specify Tribe _____ | <input type="checkbox"/> Japanese | <input type="checkbox"/> Samoan |
| | <input type="checkbox"/> Korean | <input type="checkbox"/> Other (Specify) _____ |
| | <input type="checkbox"/> Laotian | |
| <input type="checkbox"/> Eskimo | <input type="checkbox"/> Thai | |
| | <input type="checkbox"/> Vietnamese | |

ITEM entitled "RACE" (check ONE box)

The MOTHER is:

- | | | |
|---|---------------------------------------|--|
| <input type="checkbox"/> Black | <input type="checkbox"/> Asian Indian | <input type="checkbox"/> Filipino |
| <input type="checkbox"/> White | <input type="checkbox"/> Cambodian | <input type="checkbox"/> Guamanian |
| | <input type="checkbox"/> Chinese | <input type="checkbox"/> Hawaiian |
| <input type="checkbox"/> Aleut | <input type="checkbox"/> Hmong | <input type="checkbox"/> Pacific Islander |
| <input type="checkbox"/> American Indian
(North, South, and
Central)
Specify Tribe _____ | <input type="checkbox"/> Japanese | <input type="checkbox"/> Samoan |
| | <input type="checkbox"/> Korean | <input type="checkbox"/> Other (Specify) _____ |
| | <input type="checkbox"/> Laotian | |
| <input type="checkbox"/> Eskimo | <input type="checkbox"/> Thai | |
| | <input type="checkbox"/> Vietnamese | |

ITEM entitled "HISPANIC" (check ONE box)

Is the FATHER of Hispanic origin or descent?

- No -- (Not Hispanic)
 Yes -- Cuban
 Yes -- Puerto Rican
 Yes -- Mexican
 Yes -- Other Hispanic (Specify) _____

ITEM entitled "HISPANIC" (check ONE box)

Is the MOTHER of Hispanic origin or descent?

- No -- (Not Hispanic)
 Yes -- Cuban
 Yes -- Puerto Rican
 Yes -- Mexican
 Yes -- Other Hispanic (Specify) _____

"CERTIFICATE OF DEATH" (VS 11)

ITEM entitled "RACE" (check ONE box)

The DECEDENT is:

- | | | |
|---|---------------------------------------|--|
| <input type="checkbox"/> Black | <input type="checkbox"/> Asian Indian | <input type="checkbox"/> Filipino |
| <input type="checkbox"/> White | <input type="checkbox"/> Cambodian | <input type="checkbox"/> Guamanian |
| | <input type="checkbox"/> Chinese | <input type="checkbox"/> Hawaiian |
| <input type="checkbox"/> Aleut | <input type="checkbox"/> Hmong | <input type="checkbox"/> Pacific Islander |
| <input type="checkbox"/> American Indian
(North, South, and
Central)
Specify Tribe _____ | <input type="checkbox"/> Japanese | <input type="checkbox"/> Samoan |
| | <input type="checkbox"/> Korean | <input type="checkbox"/> Other (Specify) _____ |
| | <input type="checkbox"/> Laotian | |
| <input type="checkbox"/> Eskimo | <input type="checkbox"/> Thai | |
| | <input type="checkbox"/> Vietnamese | |

ITEM entitled "HISPANIC" (check ONE box)

Is the DECEDENT of Hispanic origin or descent?

- No -- (Not Hispanic)
 Yes -- Cuban
 Yes -- Puerto Rican
 Yes -- Mexican
 Yes -- Other Hispanic (Specify) _____

INSTRUCTIONS: This work sheet is to be completed by, or with the direct assistance of, the informant(s). Do not enter any identification by name or number on this work sheet if it is completed in conjunction with either the "Certificate of Live Birth" or the "Certificate of Fetal Death." After completion by the informant(s), transfer the information indicated onto the appropriate certificate. If this work sheet is completed in conjunction with either the "Certificate of Live Birth" or the "Certificate of Fetal Death," discard after completion. Do not retain in medical records. Do not submit this work sheet with ANY of the certificates associated with its use.

VS 10B (12/92)

OFFICE OF HEALTH INFORMATION AND RESEARCH MAJOR REPORTS

1999 VITAL EVENTS IN CALIFORNIA

Health Status:	Cost
Advance Report: California Vital Statistics 1999 (May 2001)	\$10.00
County Health Status Profiles 2002 (April. 2002)	\$10.00
Health Data Summaries for California Counties, 2000 (Oct. 2000)	\$20.00
Leading Health Indicators for California, 1997 (May 1999)	\$10.00
Health California 2000 Midcourse Review (Feb. 1999)	\$10.00
Profile of Women's Health Status in California 1984-1994 (Mar. 1997)	\$20.00
Analysis of Health Indicators for California's Minority Populations (Feb. 1994)	\$10.00
Vital Statistics of California, 1999 (Apr. 2002)	\$20.00
Mortality:	
California's Infant Mortality Report, 2000 (Apr. 2002)	\$ 1.00

LISTING OF AVAILABLE VITAL STATISTICS PRODUCTS

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--	------

Copies of all reports published by the Center for Health Statistics are available in state depository libraries, which include large university, college, county and city libraries.

The vital statistics presented in these reports constitute only part of the information reported on vital records. Special tabulations, cross-tabulations, and electronic data files can be provided to requestors. The fee required for special requests is determined at the time of the request.

Lists of the statistical information available are provided in:

- Figure 8-C (Live Births)
- Figure 8-F (Fetal Deaths)
- Figure 8-H (Deaths)

Most OHIR reports and most of the tables in this report, as well as the 2001 catalog can be found on our internet website.

The Center for Health Statistics Home Page is:

<http://www.dhs.ca.gov/hisp/chs/chsindex.htm>

Questions concerning the development of special reports should be directed to:

California Department of Health Services
Office of Health Information Research
Vital Statistics Section
304 S Street, 3rd Floor
Sacramento, CA 95814

Phone #: (916) 445-6355

Fax #: (916) 324-5599

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Office of Health Information and Research
Vital Statistics Section
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304 S Street, 3rd Floor
Sacramento, CA 95814

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VITAL STATISTICS REGISTRATION IN CALIFORNIA

RECORD	PERSONS RESPONSIBLE FOR COMPLETING RECORDS	PERSONS RESPONSIBLE FOR FILING RECORDS WITH LOCAL REGISTRAR	LOCAL REGISTRARS – TRANSMIT RECORDS TO STATE
Certificate of Live Birth	Attending physician or parent for unattended birth	In-hospital birth, the hospital administrator or designee. Out-of-hospital birth, the physician or parent.	Registrars of full-time approved local health departments; or registrars appointed by State Registrar.
Certificate of Fetal Death	Funeral director and physician or coroner for medical certification.	Funeral director or person acting in lieu thereof.	Registrars of full-time approved local health departments; or registrars appointed by State Registrar.
Certificate of Death	Funeral director and physician or coroner for medical certification.	Funeral director or person acting in lieu thereof.	Registrars of full-time approved local health departments; or registrars appointed by State Registrar.
Certificate of Registry of Marriage	Persons applying for license and clerk of county issuing license.	Minister or other person performing marriage ceremony.	County recorder of county in which marriage license was issued.
Copy of Final Dissolution of Marriage, of Legal Separation, and of Declaration of Nullity	Attorney for party obtaining the final decree.	Attorney for party obtaining the final decree.	County clerk of county granting decree.

Source: Statutory Provisions Relating to Vital Statistics, 1993, State of California.